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United States
Department of
Agriculture

Soil
Conservation
Service

Salt Lake City
Utah



WATER SUPPLY OUTLOOK FOR UTAH

in Cooperation with Utah State Department
of Natural Resources

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April 1, 1982

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent of surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1,900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO: LONE CONE, NEAR NORWOOD, COLORADO

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 510, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

<u>STATE</u>	<u>ADDRESS</u>
Alaska	Room 129, 2221 East Northern Lights Blvd., Anchorage, Alaska 99504
Arizona	Room 3008, Federal Building, 230 N. First Ave., Phoenix, Arizona 85025
Colorado (N. Mexico)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno, Nevada 89505
Oregon	1220 S. W. Third Ave., Portland, Oregon 97204
Utah	4418 Federal Bldg., 125 South State St., Salt Lake City, Utah 84147
Washington	360 U. S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82602

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Snow Surveys Branch, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 -- for British Columbia by the Ministry of the Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia V8V 1X5 -- for Yukon Territory by the Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory Y1A 3V1 -- and for Alberta, Saskatchewan, and N.W.T. by the Water Survey of Canada, Inland Waters Branch, 110-12 Avenue S.W., Calgary, Alberta T3C 1A6.

WATER SUPPLY OUTLOOK FOR UTAH

**and
FEDERAL-STATE-PRIVATE COOPERATIVE SNOW SURVEYS**

Issued by

**PETER C. MYERS
CHIEF
SOIL CONSERVATION SERVICE
WASHINGTON, D.C.**



Released by

**GEORGE D. McMILLAN
STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
SALT LAKE CITY, UTAH**

In Cooperation with

UTAH STATE DEPARTMENT OF NATURAL RESOURCES	
DEE C. HANSEN	DANIEL F. LAWRENCE
State Engineer	Director
Division of Water Rights	Division of Water Resources



Report prepared by Snow Survey Staff

BOB L. WHALEY, Supervisor

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Salt Lake City, Utah 84147**

PROSPECTIVE WATER SUPPLIES

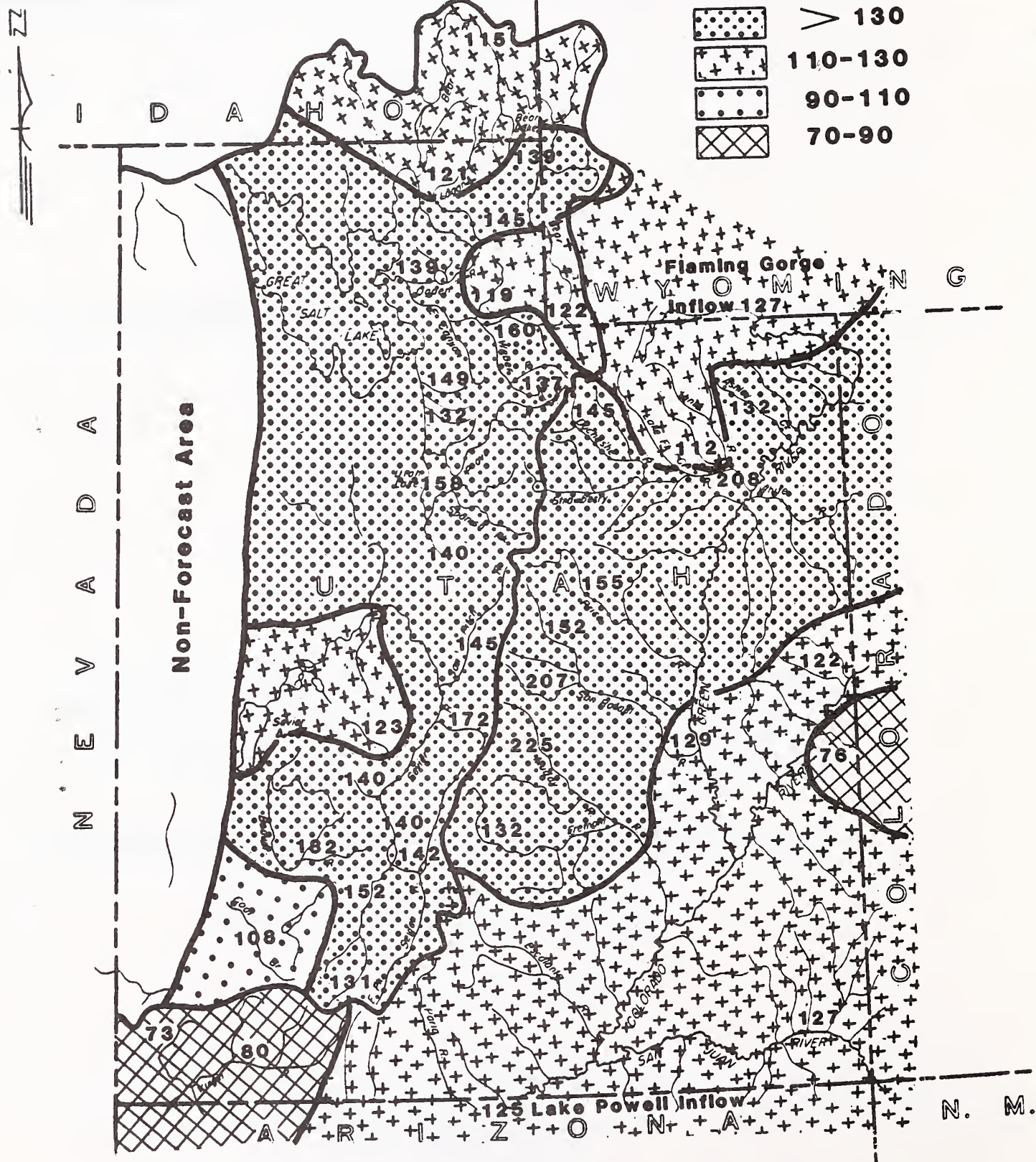
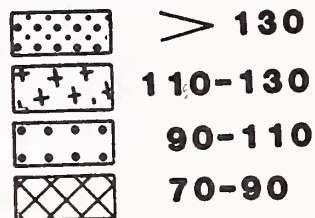
Based on Snow Surveys Made on
UTAH and BEAR RIVER WATERSHEDS

April 1, 1982

Approximate Date



FORECAST STREAM FLOW
in Percent of 1963-77, 15 Year Average



WATER SUPPLY OUTLOOK

As Of April 1, 1981

* * * * *
* Utah's 1982 Water Supply Outlook improved greatly with *
* heavy March increases to the snow pack and now ranges *
* from near average in southern Utah to much above *
* average in central Utah. Snow cover now ranges from *
* 96% to 174% of the April 1 average. Reservoir storage *
* is 108% of average statewide and streamflow forecasts *
* range from near average to better than twice average. *
* * * * *

SNOW COVER

Snow measurements taken the last week of March showed monthly increases as high as ten times the average increase for the month. Some of this increase was caused by very little melt during the month at low and medium elevation courses. Basin snow water content percentages now range from 96% on Blue Mountains above Monticello and Pine Valley Mountains above Enterprise to 174% on Muddy River in South Central Utah. The Bear Basin 129%, Logan 136%, Ogden 148%, Weber 135%, Duchesne 152%, Provo-Utah Lake 165%, Price 161%, San Rafael 154%, South Fork Sevier 129%, East Fork Sevier 143%, Lower Sevier 137%, Beaver River 158% and La Sal Mountains 108% of the April 1 average. Jordan River-Salt Lake Front 148% with Silver Lake Brighton snow water content (38.0) about the same as the record high in 1952 of 38.2 inches of water.

PRECIPITATION

March precipitation at mountain stations was generally well above average but ranged from near average on the north slope of the Uinta Mountains to three and a half times average in American Fork Canyon and 365% of average at Paradise Park on the south slope of the Uintas.

SOIL MOISTURE

Watershed soils have near average moisture except in the southern quarter of the state where fall precipitation was below average prior to snow accumulation.

RESERVOIR STORAGE

Storage in 25 of Utah's key irrigation reservoirs totaled 108% of the April 1 fifteen year average and 78% of capacity. Some reservoirs are releasing water in preparation for higher than average peak flows. All reservoirs in the northern 3/4 of the state should fill this season. Utah Lake is at compromise level and Great Salt Lake is 4,419.90 feet or 0.1 feet below last year at this time.

WATER SUPPLY OUTLOOK (continued)

STREAMFLOW

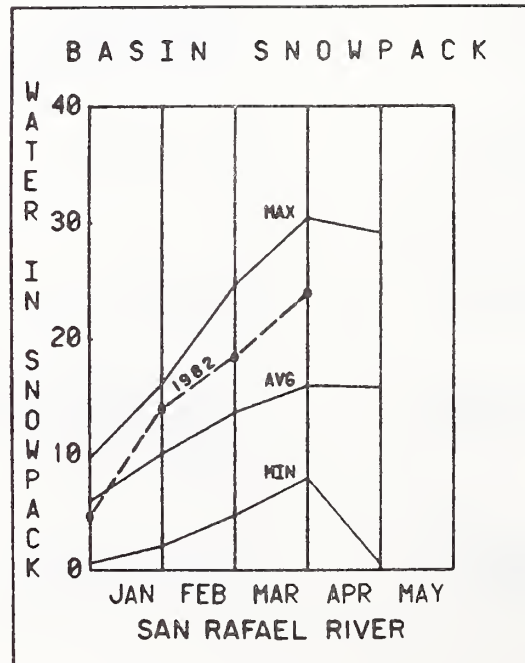
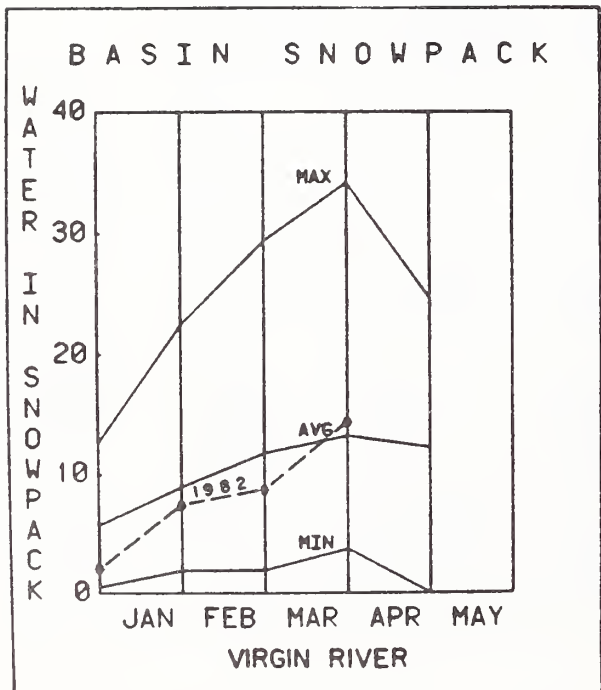
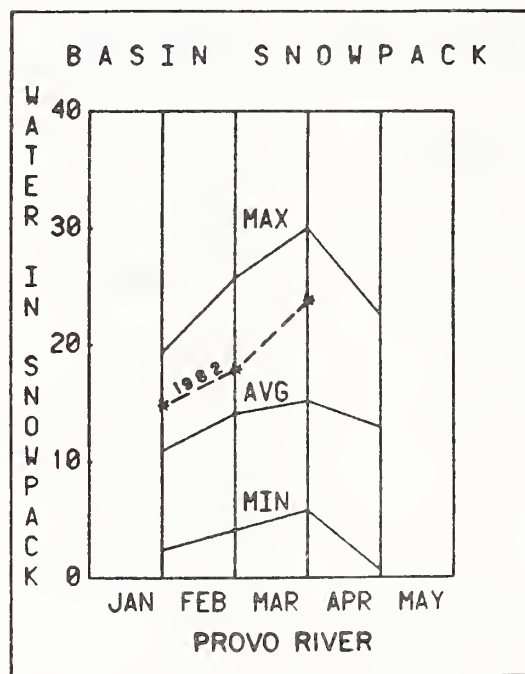
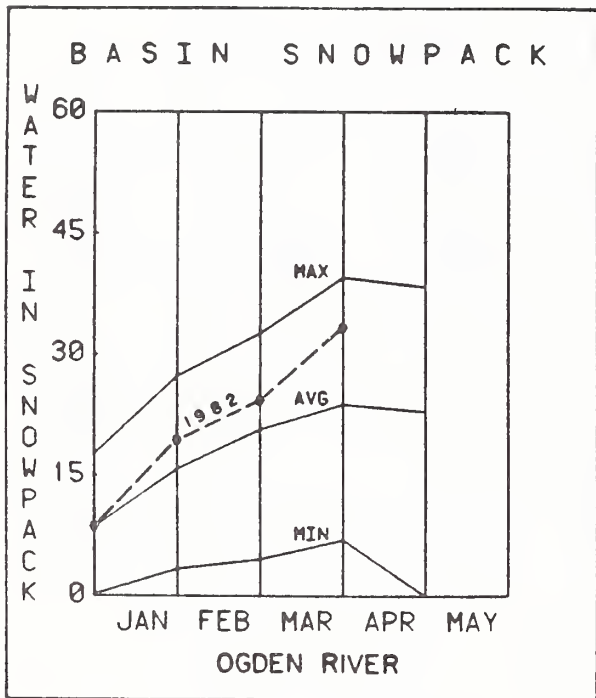
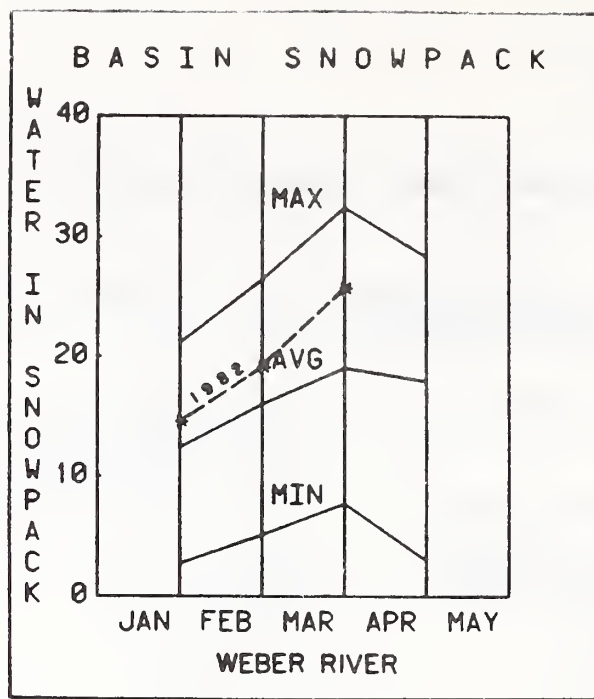
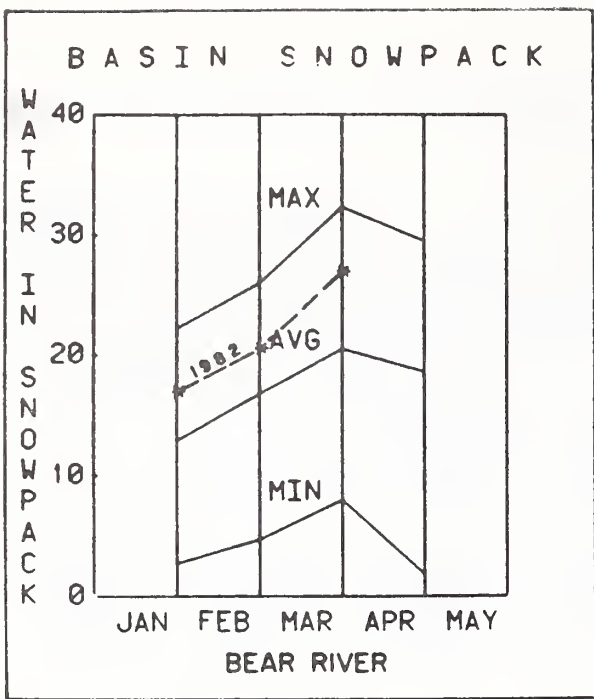
Streamflow forecasts increased as much as 65% because of very heavy March increases to the snow pack and forecasts now range from 73% on the Santa Clara to 225% on the Muddy.

Water supplies are expected to be at least average for all uses except for some late season shortages in the southern 1/4 of the state.

Mean daily peak flows are expected to be about twice average on the Muddy, Ferron, Beaver and Strawberry and precautions should be taken to protect property near stream channels.

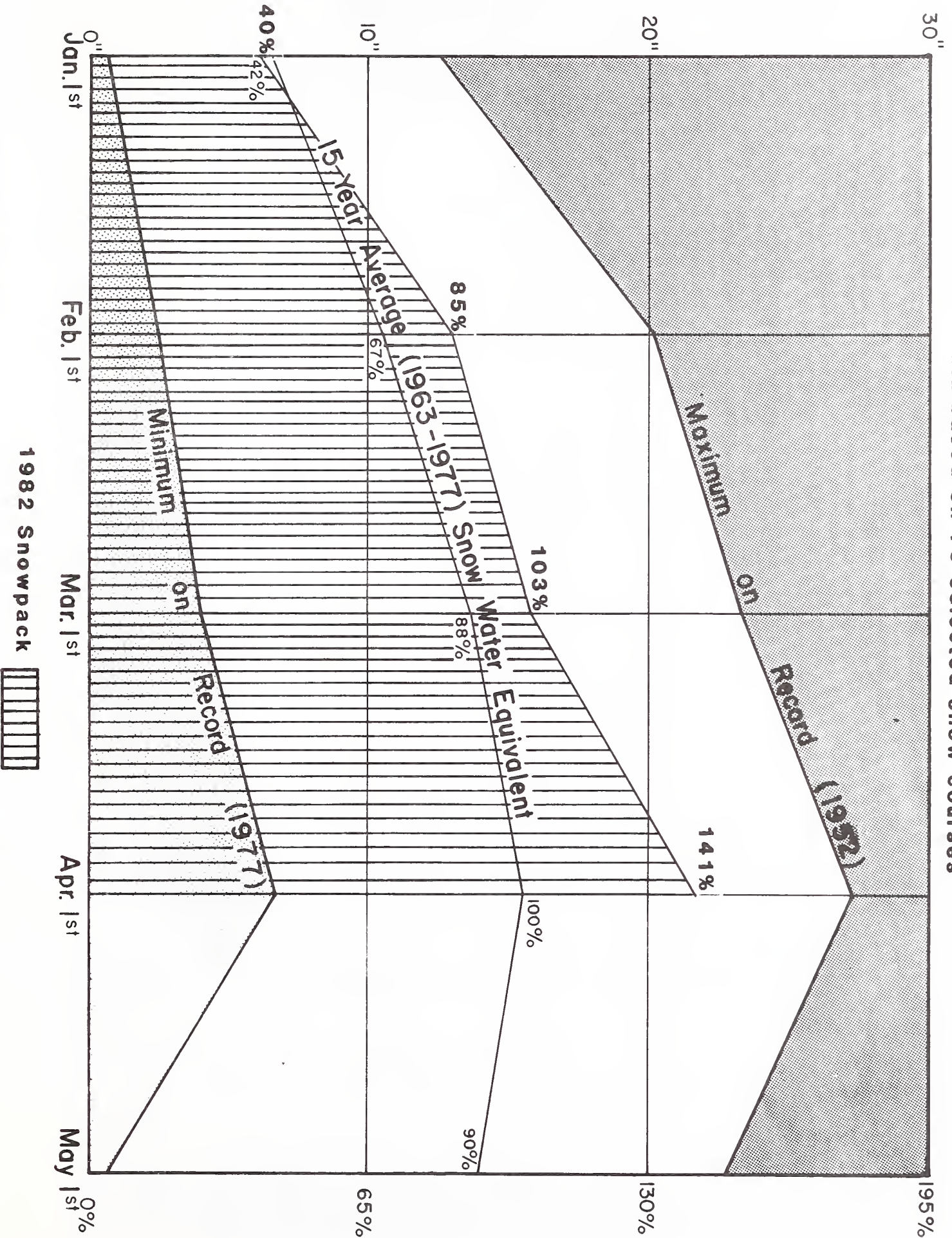
RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average†
GREAT BASIN					
<u>Bear River</u>	Bear Lake	1421.0	957.6	1067.4	1039.5
	Woodruff Narrows	57.3	34.7 ^e	22.8	23.8
<u>Beaver River</u>	Minersville (RkyFd)	23.3	19.6	23.9	14.9
<u>Little Bear</u>	Hyrum	15.3	10.2	14.2	12.4
	Porcupine	11.3	6.0 ^e	4.3	5.2
<u>Ogden</u>	Causey	6.9	1.1	4.7	2.5
	Pineview	110.1	78.6	65.9	55.8
<u>Provo</u>	Deer Creek	149.7	115.0	119.5	108.7
<u>Settlement Creek</u>	Settlement Creek	1.2	0.6	0.6	--
	Vernon Creek	0.6	0.5	0.6	--
<u>Sevier River</u>	Gunnison	18.2	18.2	18.2	16.5
	Otter Creek	52.5	50.7	52.5	37.3
	Piute	71.8	65.9	70.0	49.9
	Sevier Bridge	236.0	234.0	230.8	146.8
<u>Spanish Fork</u>	Strawberry	270.0	182.0	220.2	156.9
<u>Utah Lake</u>	Utah Lake	883.9	883.9	881.0	752.0
<u>Weber</u>	East Canyon	48.1	32.4	39.6	29.0
	Echo	73.9	44.2	61.5	50.7
	Lost Creek	20.0	12.5	17.4	13.1
	Rockport	60.9	27.1	47.7	32.5
	Willard Bay	190.3	157.6	186.2	145.6
COLORADO RIVER BASIN					
<u>Ashley Creek</u>	Steinaker	33.3	24.4	28.0	23.4
<u>Colorado</u>	Blue Mesa	829.5	219.9	414.0	--
	Lake Powell	25002.0	19635.0	21593.0	--
<u>Green</u>	Flaming Gorge	3749.0	2662.0	2940.0	--
<u>Lakefork</u>	Moon Lake	35.8	20.5	18.2	19.6
<u>Price River</u>	Scofield	65.8	37.1	51.4	36.8
<u>San Juan</u>	Navajo	1696.0	1238.2	1231.0	--
	Ken's Lake	2.7	0.7	--	--
<u>San Rafael</u>	Huntington North	3.9	3.3	3.9	3.6
	Joe's Valley	61.6	31.5	36.8	38.0
	Mill Site	16.7	7.4	10.6	--
<u>Strawberry</u>	Starvation	165.3	139.1	152.3	127.6
<u>Uintah</u>	Bottle Hollow	11.1	11.1	11.3	10.6



UTAH'S WINTER SNOWPACK

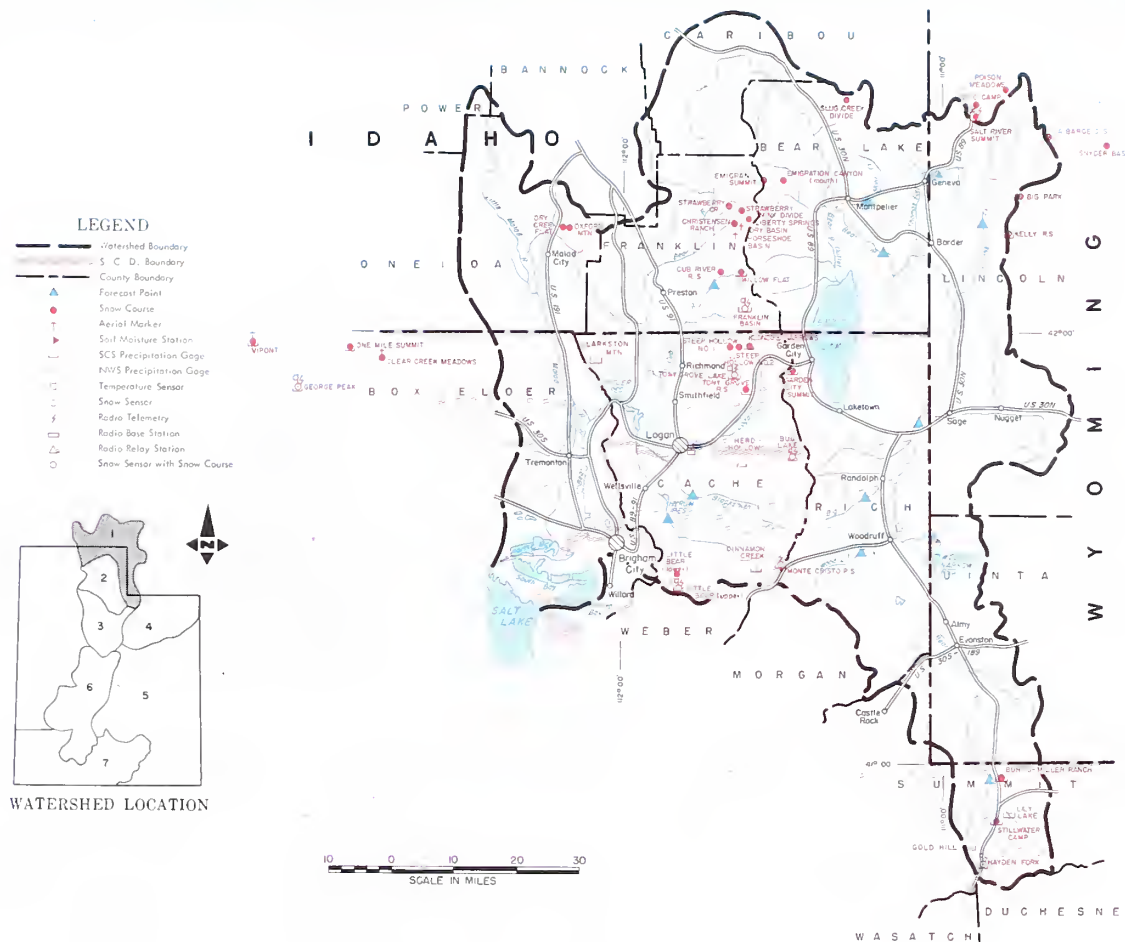
Data based on 79 selected snow courses



WATER SUPPLY OUTLOOK

BEAR RIVER BASIN in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER increased much above average during March - some water contents increased 5 to 6 times the average for March. The April 1 basin averages now range from 121% on the Upper Bear to 136% on Logan River.

PRECIPITATION at mountain stations was much above average for March and the October-March totals now range from 102% of average at Burts-Miller Ranch to 150% at Willow Flat at the head of Cub River.

SOIL MOISTURE is good at higher elevations.

RESERVOIR STORAGE is near average. Bear Lake is only 92% of the April 1 average.

STREAMFLOW FORECASTS increased as much as 34% for the April-July period and now range from 115% for the Bear at Haver, Idaho, to 145% for the Bear near Woodruff, Utah. The Bear near state line is forecast 122% of average, Logan River 121%, Blacksmith Fork 130% and Little Bear 144%.

Peak flows are expected to be 20 to 46% above average and precautions should be taken to protect property near stream channels.

Good water supplies are expected for all uses.

BEAR RIVER BASIN IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	Thousands Acres Feet	Percent of Average		THOUSAND ACRE FEET Last Year	Average †
BEAR RIVER					
Bear nr UT-Wyo. State Line	139	122	Apr-July	100	114
Bear nr Woodruff	215	145	Apr-July	121	148
Woodruff Crk nr Woodruff, UT	22	118	Apr-July	5.4	18.4b
Big Creek nr Randolph, UT	7.6	141	Apr-July	--	5.4b
Bear nr Randolph	167	139	Apr-July	60	120
Thomas Fork nr UT-WY State Ln	44	126	Apr-Sept	8.3	35
Smith's Fork nr Border, WY	147	123	Apr-Sept	60	120
Bear at Harer, Idaho 1/	383	115	Apr-Sept	105	332
Logan nr Logan 1/	143	121	Apr-July	67	118
Blacksmith Fork nr Hyrum	70	130	Apr-July	23	54
Little Bear nr Paradise	55	144	Apr-June	10.2	38
Cub River nr Preston, ID			Apr-Sept	--	52

1/ Observed flow corrected for change in storage and diversions
 2/ Provisional flows - Subject to correction
 b - Average of all past record - less than 15 years

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUBWATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average †
BEAR RIVER	31	267	129
UPPER BEAR RIVER	6	194	121
LOWER BEAR RIVER	25	284	130
LOGAN RIVER	7	290	136

RESERVOIR STORAGE (Thousands Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
BEAR RIVER	Bear Lake	1421.0	957.6	1067.4	1039.5
	Woodruff Narrows	57.3	34.7	22.8	23.8
LITTLE BEAR	Hyrum	15.3	10.2	14.2	12.4
	Porcupine	11.3	6.0e	4.3	5.2

+ - 1963-77 15 year Average Period
 e - estimated

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Big Creek nr Randolph	60-100	63e
Logan River nr Logan	1090-1390	1016
Woodruff Creek nr Woodruff	280-420	239
Little Bear nr Paradise	600-760	507
Bear nr. Ut.-Wyo. Stateline	1750-2120	1600

(a) - Maximum mean daily peak flow

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	THOUSAND ACRE FEET Last Year	Average †
Burts-Miller Ranch	3/27	17	6.1	7.0	6.1
Cub River R.S.	3/25	24	10.2	3.2	6.9
Emigrant Summit	3/31	103	36.7	12.6	26.0
Franklin Basin	3/25	94	35.3	14.4	28.2
Hayden Fork	3/27	54	20.0	12.5	15.9
Klondike Narrows	3/25	72	28.6	9.9	20.7

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	THOUSAND ACRE FEET Last Year	Average †
Little Bear Lower	3/26	33	14.0	2.2	9.9
Little Bear Upper	3/26	41	16.1	6.4	12.9
Monte Cristo	3/26	89	32.6	12.3	25.9
Salt River Summit	3/30	68	21.4	8.8	16.9
Stillwater Camp	3/27	42	13.1	7.9	11.3b
Tony Grove R.S.	3/25	43	17.6	3.5	11.9

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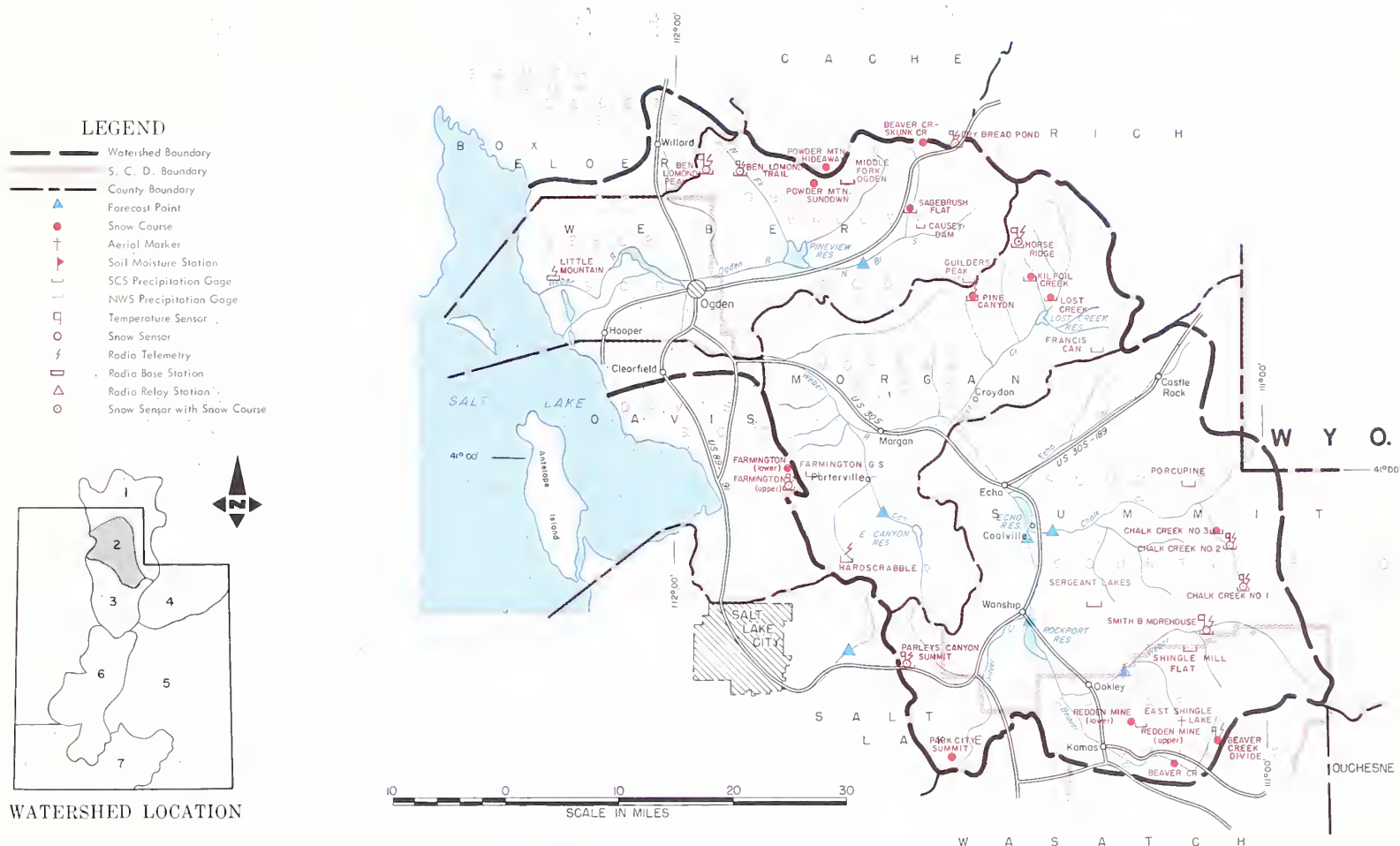
FIRST CLASS MAIL

"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



APRIL 1, 1982

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER increased at a much above average rate during March. Some snow courses that would normally have lost water content due to melt gained as much as 2 to 5 inches of water content. Others that normally gain up to 5 inches gained as much as 16 inches during March. Ogden Basin snow cover is now 148% of the April 1 average with much above average low elevation snow. Weber Basin snow cover is now 135% of the April 1 average.

PRECIPITATION at mountain locations during March ranged from 131% at Causey Reservoir to 335% at Ben Lomond Trail. The October-March totals now range from 116% at Smith and Morehouse to 145% at Causey Reservoir.

SOIL MOISTURE is near average.

RESERVOIR STORAGE is generally near average except for those reservoirs intentionally held lower to allow space for snow melt runoff. All reservoirs are expected to fill this spring.

STREAMFLOW FORECASTS increased 14 to 42% as a result of much above average increases to the snow pack and now range from 119% of the April-June period for Lost Creek to 160% for Chalk Creek. Peak flows are expected to be above average this spring and precautions should be taken to protect property near stream channels.

WEBER-OGDEN WATERSHEDS IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST	FORECAST		THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
WEBER-OGDEN RIVERS					
Weber nr Oakley	143	137	Apr-June	99	104
Rockport Reservoir Inflow 1/	170	151	Apr-June	106	112
Chalk Creek at Coalville	63	160	Apr-June	30	40
Weber nr Coalville	193	157	Apr-June	87	123
Lost Creek nr Croydon, UT	21	119	Apr-June	3.9	17.4b
East Canyon Creek nr Morgan 1/	35	135	Apr-June	11.4	26
Hardscrabble Crk nr Porterville	20	139	Apr-June	--	14.4e
South Fork Ogden nr Huntsville	74	129	Apr-June	19.9	57
Pineview Reservoir Inflow 2/	159	139	Apr-June	36	115
Echo Reservoir Inflow	248	155	Apr-June	109	160
Weber at Gateway	491	158	Apr-June	165	310
JORDAN RIVER & SALT LAKE	12.8	158	Apr-July	5.1	8.1b
Farmington Crk nr Farmington					

- 1 - Observed flow corrected for change in storage and diversions
 2 - Inflow record as computed by U. S. Bureau of Reclamation
 3 - Provisional flows - Subject to Correction
 b - Average of all past record - less than 15 years

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Gauges Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
OGDEN RIVER	5	302	148
WEBER RIVER	12	197	135

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
OGDEN	Causey	6.9	1.1	4.7	2.5
	Pineview	110.1	78.6	65.9	55.8
WEBER	East Canyon	48.1	32.4	39.6	29.0
	Echo	73.9	44.2	61.5	50.7
	Lost Creek	20.0	12.5	17.4	13.1
	Rockport	60.9	28.4	47.7	32.5
	Willard Bay	193.3	157.6	186.2	145.6

+ - 1958-72 15 year Average Period

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Lost Creek nr Croydon	280-420	220
South Fork Ogden nr Huntsville	870-1170	772
Chalk Creek nr Coalville	720-970	569
Weber nr. Oakley	1800-2500	1690
(a) - Maximum mean daily peak flow		

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
NAME				Last Year	Average †
Beaver Creek R.S.	3/27	28	11.4	5.4	7.2
Beaver Creek-Skunk Creek	3/26	44	17.1	4.1	12.0
Ben Lomond Peak	3/26	137	51.0	18.8	34.1
Ben Lomond Trail	3/26	61	24.9	8.4	16.2b
Chalk Creek #1	3/27	86	31.3	16.7	22.4
Chalk Creek #2	3/27	57	19.5	12.3	15.6
Chalk Creek #3	3/27	25	9.7	7.2	7.5
Dry Bread Pond	3/26	68	25.1	9.4	18.9

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
NAME				Last Year	Average †
Horse Ridge	3/26	80	30.2	10.6	21.9b
Lost Creek Reservoir	3/27	10	4.4	0.0	2.0b
Monte Cristo	3/26	89	32.6	12.3	25.9
Parleys Canyon Summit	3/30	73	23.9	12.0	18.5
Sagebrush Flat	3/26	11	4.8	0.0	2.0
Smith & Morehouse	3/27	43	16.3	9.4	12.9
Trial Lake	3/27	95	35.5	16.3	23.5
e - estimated					

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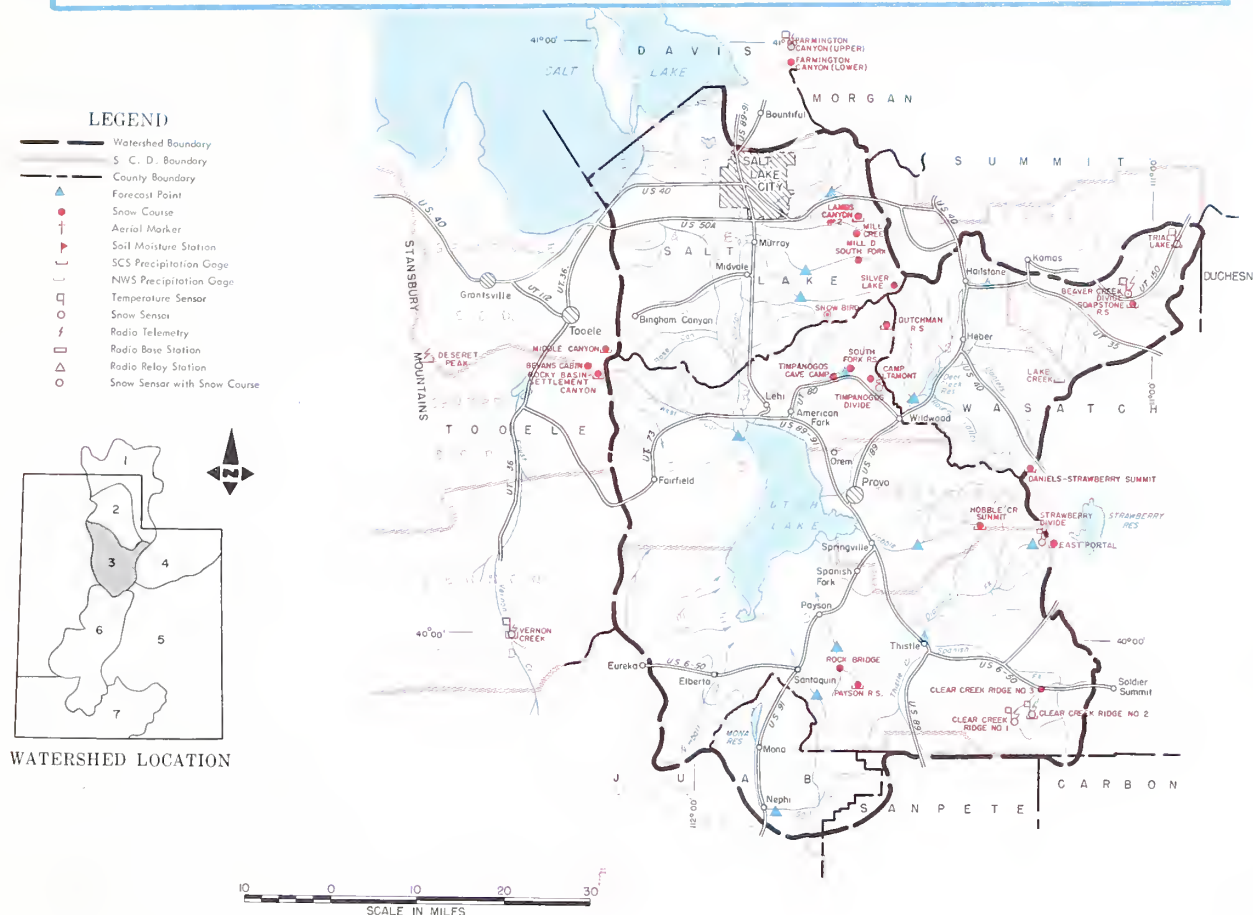
FIRST CLASS MAIL

"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



APRIL 1, 1982

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER increased at 2 to 10 times the average for March and now ranges from near average in Tooele Valley to 165% for Provo-Utah Lake drainages. Salt Lake front streams now average 148% of the April 1 average.

PRECIPITATION at mountain stations ranged from 1 1/2 to 3 1/2 times average.

SOIL MOISTURE is near average.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECASTS have increased as much as 40% due to heavy snow pack increases and now range from average on Settlement Canyon Creek to 172% of average for the Provo near Hailstone.

Average to above average water supplies are expected for all uses in this area. Peak flows are expected to be above average on many streams in this area. Precautions should be taken to protect property near stream channels.

UTAH LAKE, JORDAN RIVER AND TOOELE VALLEY WATERSHEDS IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	Thousand Acre Feet	Percent of Average		Thousand Acre Feet	
				Last Year	Average †
PROVO RIVER AND UTAH LAKE					
Provo nr Hailstone 1/	175	172	Apr-July		109
Provo below Deer Creek Dam 1/	204	170	Apr-July		120
American Fork nr American Fork	52	170	Apr-July		31
Hobble Creek nr Springville	30	170	Apr-July		19.7 ^b
Strawberry Reservoir Inflow 1/	76	146	Apr-July	17.4	52
Spanish Fork at Thistle	62	160	Apr-July		39 ^b
Payson Creek nr Payson	8.8	140	Apr-July		6.3
Utah Lake Inflow	385	158	Apr-July		244
JORDON RIVER & SALT LAKE					
Little Cottonwood Crk nr SLC	52	138	Apr-July		38
Big Cottonwood nr SLC	51	135	Apr-July		38
Parley's Creek nr SLC	23	149	Apr-July		15.4
Mill Creek nr SLC	9.4	149	Apr-July		6.3
Emigration Creek nr SLC	5.4	135	Apr-July		4.9
City Creek nr SLC	10.0	125	Apr-July		10.7
TOOELE VALLEY					
Vernon Creek nr Vernon	1.1	157	Apr-June	0.8	0.7
Settlement Crk nr Tooele	2.3 ^a	100	Apr-July	--	2.3
S. Willow Crk nr Grantsville	3.8 ^a	131	Apr-July	1.7	2.9

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
PROVO RIVER & UTAH LAKE	13	232	165
JORDON RIVER & SALT LAKE	2	226	148

1-Observed flow corrected for change in storage and diversions
2-Provisional flows - Subject to correction
a-Partly estimated

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
SPANISH FORK	Strawberry	270.0	182.0	220.2	156.9
UTAH LAKE	Utah Lake	883.9	883.9	881.0	752.0
	Settlement Creek	1.2	0.6	0.6	--
	Vernon Creek	0.6	0.5	0.6	--
PROVO	Deer Creek	149.7	115.0	119.5	108.7

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Spanish Fork nr Thistle	700-900	
Big Cottonwood nr Salt Lake City	450-550	
Little Cottonwood nr Salt Lake City	500-600	
Mill Creek nr Salt Lake City	70-90	
Parleys Cr. nr Salt Lake City	200-250	
Emigration Cr. nr Salt Lake City	50-70	
City Creek nr Salt Lake City	90-110	
Stone Creek nr Bountiful	45-55	
Mill Creek nr Bountiful	50-70	
Americal Fork	500-600	
Provo nr Hailstone	2200-2600	

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
NAME				Last Year	Average †
Bevans Cabin	Delayed			10.8	11.5
Camp Altamont	3/27	60	27.2	12.6	13.4
Clear Creek #1	3/31	73	24.8	10.7	18.2
Clear Creek #2	3/31	64	20.0	10.0	13.6
Clear Creek #3	3/31	22	8.6	1.6	5.2
Daniels-Strawberry Summit	4/1	58	20.1	7.6	13.7
Desert Peak	Delayed			22.2	--
Dutchman R.S.	3/27	71	28.4	13.0	15.4
Hobble Creek Summit	4/1	53	19.4	7.6	12.9
Lambs Canyon #2	3/30	67	23.1	10.5	--
Middle Canyon	3/27	35	14.2	11.4	14.1
Mill Creek	3/31	77	26.8	16.6	--

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
NAME				Last Year	Average †
Mill D South Fork	3/31	76	28.4	13.1	19.9
Parleys Canyon Summit	3/30	73	23.9	12.0	18.5
Payson R.S.	3/25	67	24.7	10.1	18.4
Rocky Basin-Settlement Canyon	Delayed			21.7	27.1
Silver Lake Brighton	3/31	106	38.0	16.3	24.9
Soapstone R.S.	3/27	43	16.2	8.6	11.6
South Fork R.S.	3/25	22	9.6	4.8	3.2
Timpanogos Divide	3/27	99	38.6	17.2	23.5
Trial Lake	3/27	95	35.5	16.3	23.5
Vernon Creek	3/27	36	11.5	7.2	11.2 ^a

a - Partly estimated
e - Estimated

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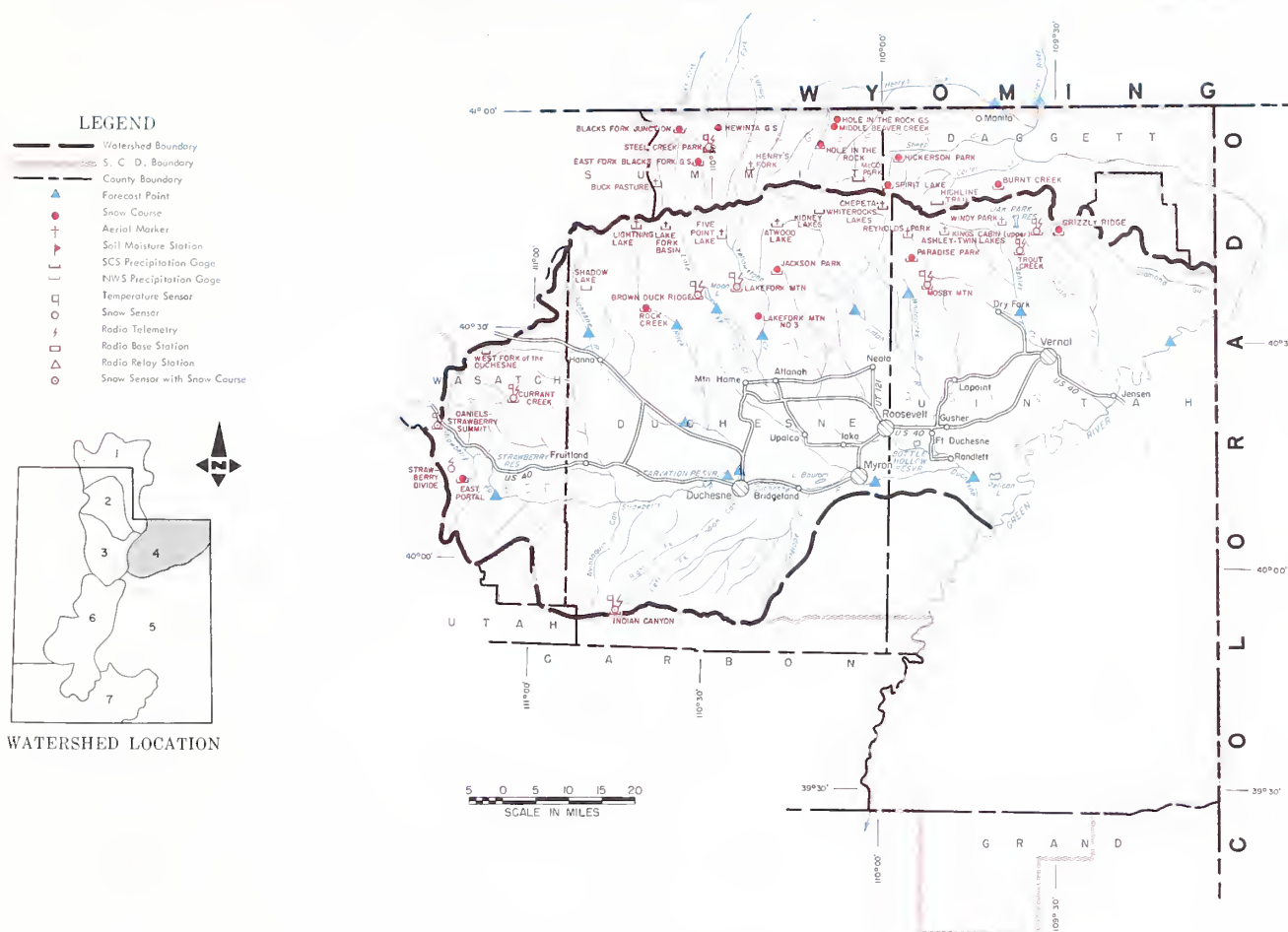
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"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



APRIL 1, 1982

THE WATER SUPPLY OUTLOOK IS AVERAGE TO ABOVE AVERAGE

SNOW COVER had well above average gain during March and now ranges from 132% of average for Black's Fork to 159% on the Uintah-Whiterocks. Lakefork-Yellowstone is 145% and Ashley Creek 157% of the April 1 average.

PRECIPITATION at mountain locations ranged from average on the north slope of the Uintahs to about 3 1/2 times average at Paradise Park on the south slope.

SOIL MOISTURE is better than average.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECASTS increased 9 to 47% as a result of better than average increases to the snow pack and now range from 104% of the April-July average on Henry's Fork to 208% for the Duchesne at Myton. Lakefork is forecast 112% and Ashley Creek 132% of the April-July average.

Peak flow is expected to be about twice average for Strawberry near Duchesne to a little above average for Ashley Creek. Precautions should be taken to protect property near stream channels prior to the snow melt season.

Good water supplies are expected for all uses.

UINTAH BASIN AND DAGGETT SCD's IN UTAH

STREAMFLOW FORECASTS

STREAMFLOW FORECASTS	THIS YEAR			PAST RECORD	
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
BASIN, STREAM and/or FORECAST POINT					
DUCHESNE RIVER					
Duchesne nr Tabiona 1/	156	145	Apr-July	73	107
Duchesne at Duchesne 1/	270	140	Apr-July	83	193
Strawberry at Duchesne	102	178	Apr-July	24	57
Rock Creek nr Mtn. Home	136	143	Apr-July	68	95
Currant Creek nr Fruitland	32	158	Apr-July	11.0	20
Lakefork below Moon Lake 1/	80	112	Apr-July	64	72
Yellowstone nr Altonah	76	114	Apr-July	46	67
Duchesne at Myton 1/	439	208	Apr-July	70	210
Whiterocks nr Whiterock	73	122	Apr-July	44	60
Uintah nr Neola	105	118	Apr-July	70	89
Duchesne at Randlett 1/	515	194	Apr-July	107	266
West Fork Duchesne at Hanna	39	150	Apr-July	15.4	26
FLAMING GORGE TO DUCHESNE RIVER					
Henry's Fork at Linwood	54	104	Apr-Sept	17.9	52
Black's Fork at Millburne	117	127	Apr-July	87	92
Flaming Gorge Inflow 1/			Apr-July		1292
Ashley Creek nr VernaT	67	132	Apr-July	35	51

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
DUCHESNE RIVER - TOTAL	12	184	152
LAKEFORK-YELLOWSTONE CREEKS	3	146	145
STRAWBERRY RIVER	3	300	157
UINTAH - WHITEROCKS RIVERS	3	141	159
ASHLEY CREEK	3	153	157
BLACK'S FORK	4	158	132

1/ Observed flow corrected for change in storage and diversions
 2/ Provisional flows - Subject to correction

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
ASHLEY CREEK	Steinaker	33.3	24.4	28.0	--
GREEN RIVER	Flaming Gorge	3749.0	2662.0	2940.0	--
LAKE FORK	Moon Lake	35.8	20.5	18.2	19.6
STRAWBERRY	Starvation	165.3	139.1	152.3	127.6
UINTAH	Bottle Hollow	11.3	11.1	11.3	10.6

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Strawberry at Duchesne Ashley Creek nr Vernal	1200-1600 910-1410	656 1030

a - Maximum mean daily peak flow

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Brown Duck Ridge	3/28	85	26.3	14.6	17.4a
Current Creek	4/1	43	12.6	0.3	7.7
Daniels-Strawberry	4/1	58	20.1	7.6	13.7
Hewinta G. S.	3/27	42	12.5	8.0	9.4
Hickerson Park	3/28	28	7.5	8.3	5.9b
Jackson Park	3/28	63	16.8	12.4	11.5b
Kings Cabin Upper	3/28	48	13.4	8.4	9.8

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Lakefork Mountain	3/28	53	14.7	9.9	10.6
Mosby Mountain	3/28	47	13.3	8.4	8.6
Paradise Park	3/28	66	20.6	14.1	11.8
Rock Creek Ranch	3/28	26	8.6	5.8	5.8
Spirit Lake	3/28	56	17.0	14.7	12.1
Steel Creek Park	3/27	66	20.6	13.6	15.6
Strawberry Divide	3/31	75	26.0	13.6	18.5
Trout Creek	3/28	46	13.0	8.4	--

e - Estimated

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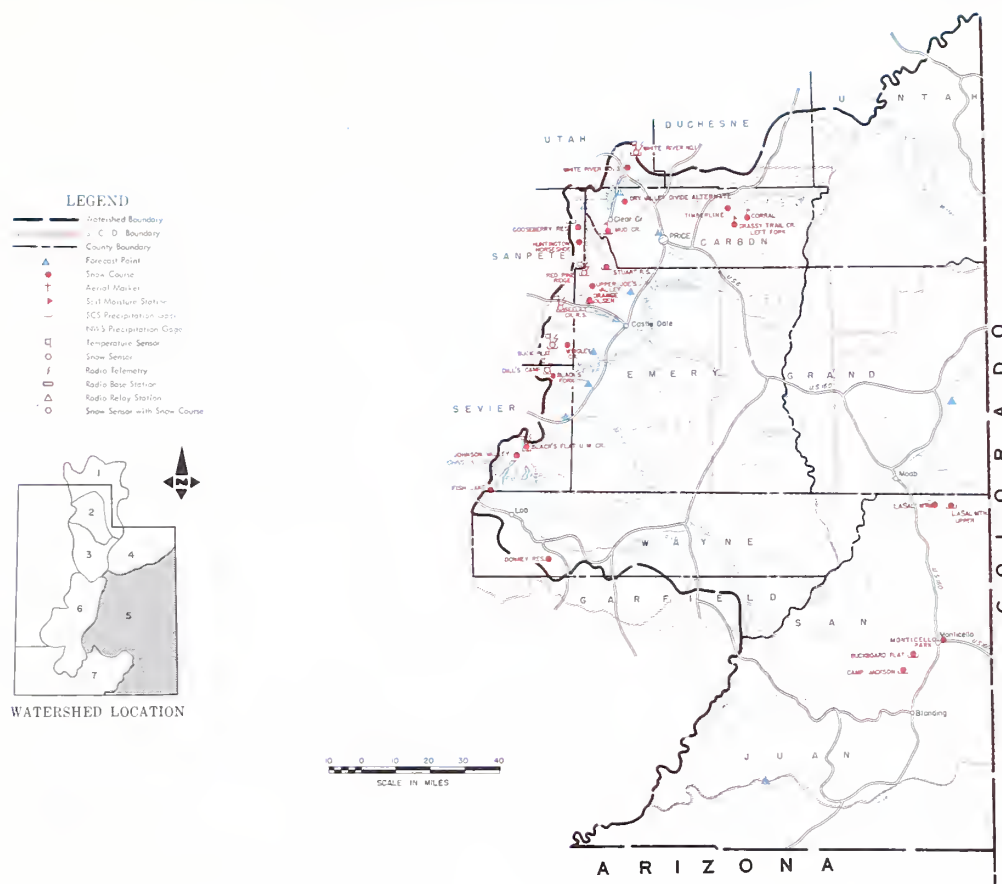
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"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



APRIL 1, 1982

THE WATER SUPPLY OUTLOOK IS NEAR TO ABOVE AVERAGE

SNOW COVER increased at 2 to 4 times the usual March amounts and now ranges from 96% of average on Blue Mountains to 174% on the Muddy.

PRECIPITATION at mountain stations ranged from 117% of the March average at Mud Creek at the head of Price River to 260% at Orange Olsen near Joes Valley Reservoir.

SOIL MOISTURE is near average.

RESERVOIR STORAGE is near average and all reservoirs are expected to fill.

STREAMFLOW FORECASTS increased as much as 65 % after very heavy March increases to the snow pack and now range from 76% of average for Mill Creek above Moab to 225% for Muddy River near Emery. Water supplies are expected to be above average on all streams except from the La Sal and Blue mountain areas which will be near average.

Peak flows are expected to be about twice average on Ferron and Muddy and precautions should be taken to protect property near stream channels.

CARBON, EMERY, WAYNE, GRAND AND SAN JUAN COUNTIES IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	Thousands Acro Feet	Percent of Average		Thousands Acro Feet	Average †
PRICE RIVER					
Gooseberry Crk nr Scofield	14.5	145	Apr-July		10.1
Scofield Reservoir Inflow	55	154	Apr-July		36
Price nr Heiner 1/	99	155	Apr-July		64
SAN RAFAEL RIVER					
Huntington Crk nr Huntington	70	152	Apr-July		49 ^b
Cottonwood Crk nr Orangeville	73	164	Apr-July	31	44 ^b
Ferron Creek nr Ferron	70	207	Apr-July	21	34
MUDDY CREEK					
Muddy Creek nr Emery	38	225	Apr-July	9.1	16.9
UPPER COLORADO BASIN					
Colorado nr Cisco, UT	3300.0	122	Apr-July		2716
Green at Green River, UT	3850.0	129	Apr-July		2974
Mill Creek nr Moab	3.9	76	Apr-July	2.1	5.1 ^b
Navajo Reservoir Inflow	782.0	129	Apr-July		608
San Juan nr Bluff, UT	1100.0	127	Apr-July		865
FREMONT RIVER					
Seven Mile Crk nr Fish Lake	8.4	132	Apr-July	4.8	6.4

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Gauges Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
PRICE RIVER	3	307	161
SAN RAFAEL RIVER	8	261	154
FREMONT RIVER	4	204	152
LASAL MOUNTAINS	2	163	108
BLUE MOUNTAINS	2	139	96
MUDDY	2	286	174
1-Observed flow corrected for change in storage and diversions 2-Provisional flows - Subject to correction			

RESERVOIR STORAGE (Thousand Acro Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
PRICE RIVER	Scofield	65.8	37.1	51.4	36.8
SAN RAFAEL	Huntington North	3.9	3.3	3.9	3.6
	Joe's Valley	61.6	31.5	36.8	38.0
	Mill Site	16.7	7.4	10.6	--
	Ken's Lake	2.7	0.7	--	--
SAN JUAN	Navajo	1696.0	1238.2	1231.0	--
+ - 1963-77 15 Year Average Period b - Average of all past record - less than 15 years					

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Ferron Creek near Ferron	720-1020	422
Muddy Creek near Emery	250-380	154
(a) - Maximum mean daily peak flow		

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average †
Buck Flat	3/30	82	28.2	9.8	15.4
Buckboard Flat	3/27	34	11.0	7.8	11.7
Camp Jackson	3/27	36	10.5	7.7	10.8
Dills Camp	3/30	66	20.6	5.8	11.4
Dry Valley Divide Alternate	3/31	42	13.4	2.5	--
Huntington-Horseshoe	3/31	86	31.4	17.1	22.7

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average †
Mammoth-Cottonwood R.S.	3/31	84	28.8	12.9	20.3
Monticello City Park	3/26	0	0.0	0.0	--
Mud Creek	3/31	65	20.0	7.8	12.3
Seeley Creek	3/31	61	20.4	8.4	16.0
White River #1	3/31	55	18.3	8.0	12.8
White River #3	3/31	32	12.0	0.6	6.1

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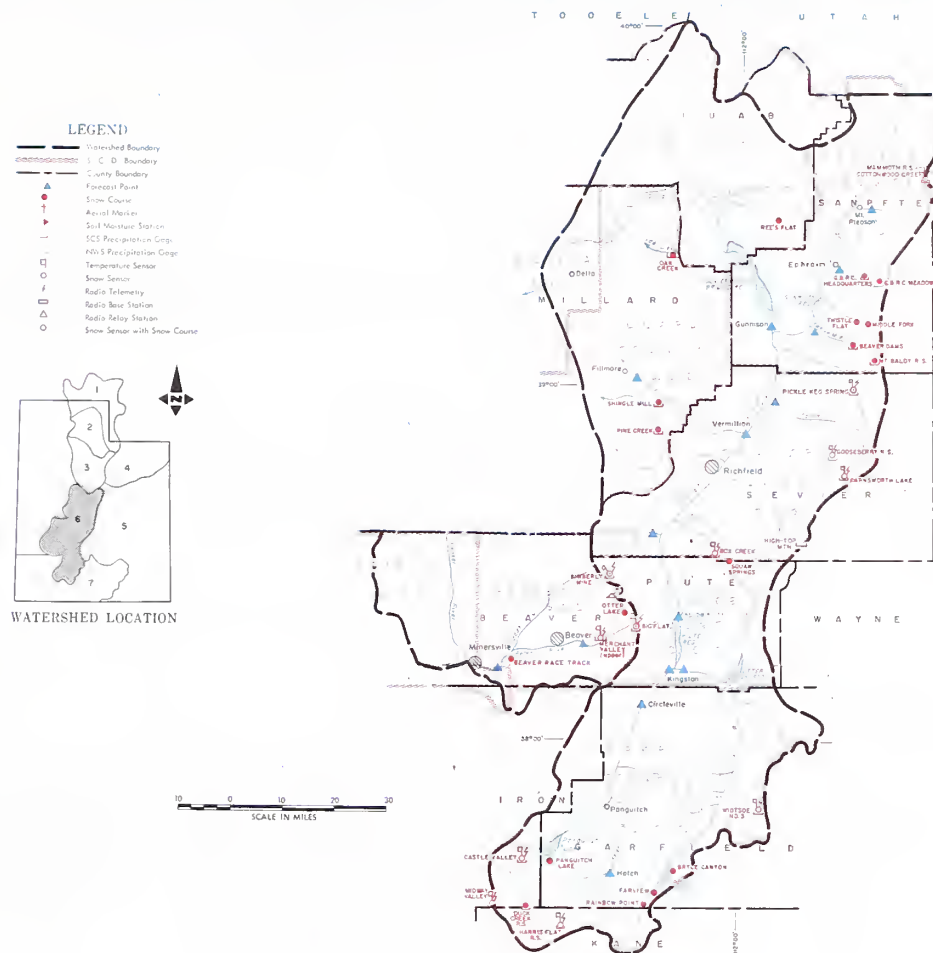


"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



APRIL 1, 1982

THE WATER SUPPLY OUTLOOK IS NEAR TO ABOVE AVERAGE

SNOW COVER increased at well above the average March rate and now ranges from 129% on the South Fork Sevier to 158% on the Beaver River.

PRECIPITATION at mountain stations ranged from 127% of the March average at Kimberly Mine to 232% at Castle Valley.

SOIL MOISTURE is near average.

RESERVOIR STORAGE is 147% of average on the Sevier and 132% on the Beaver.

STREAMFLOW FORECASTS improved 15 to 50% and now range from 114% of average for Oak Creek to 206% for Minerville Inflow. Sevier is forecast 131% at Hatch, 152% at Circleville, 142% at Kingston and 140% at Gunnison. Beaver River is forecast 182% at Beaver and 170% for North Creeks. Chalk Creek is forecast 123%, Oak Creek 114%, Chicken Creek 182%, Ephraim Creek 145% and Pleasant Creek 132%. Average to better than average water supplies are expected for all uses. Peak flows are expected to be about twice average on the Beaver, Chicken Creek, Salt Creek and Salina Creek and precautions should be taken to protect property near stream channels.

SEVIER RIVER BASIN INCLUDING BEAVER RIVER IN UTAH

STREAMFLOW FORECASTS

STREAMFLOW FORECASTS	THIS YEAR			PAST RECORD	
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
SEVIER RIVER					
Sevier at Hatch	53	131	Apr-July		41
Sevier nr Circleville	48	152	Apr-July		29
Sevier nr Kingston	32	142	Apr-July		23
Antimony Crk nr Antimony	10.0	137	Apr-July		6.9
East Fork Sevier nr Kingston1/	19.3	127	Apr-July		15.2
Sevier below Piute Dam	50	140	Apr-July		36
Clear Crk nr Sevier (abv Div)	25	140	Apr-July		17.8
Sigurd to Gunnison	40	158	Apr-July		--
Kingston to Vermillion Dam	77	138	Apr-June		56
Vermillion Dam to Gunnison	49	142	Mar-June		35
Salina Creek at Salina	20	172	Apr-June		11.1
Sevier nr Gunnison	70	140	Apr-July		50
Chalk Creek nr Fillmore	20	123	Apr-July	--	16.3
Chicken Creek nr Levan	5.6	182	Apr-July	1.4	3.1
Oak Cr. nr Oak City	1.6	114	Apr-July	0.9	1.4
Ephraim Creek nr Ephraim	21	145	Apr-July		14.5
Pleasant Crk nr Mt. Pleasant	11.1	132	Apr-July		8.4
Salt Creek nr. Nephi	21	172	Apr-July	--	12.2
Beaver nr Beaver	37	182	Apr-July	19.3	20
North Creek (Combined)	23	170	Apr-July	--	13.7b
Minersville Inflow	13.6	206	Apr-June	--	6.6

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
SEVIER RIVER	Gunnison	18.2	18.2	18.2	16.5
	Otter Creek	52.5	50.7	52.5	37.3
	Piute	71.8	65.9	70.0	49.9
	Sevier Bridge	236.0	234.0	230.8	146.8
BEAVER RIVER	Minersville (Rky (Fd)	23.3	19.6	23.9	14.9

b - Average of all past record - less than 15 years

+ - 1963-77 15 Year Average Period

e - Estimated

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
NAME					
Big Flat	3/26	78	25.4	13.5	16.1
Bryce Canyon	3/31	15	5.4a	2.3	3.1
Castle Valley	3/27	51	15.1	9.9	11.3
Duck Creek	3/27	52	16.0	7.4	11.5
Farnsworth Lake	3/30	78	26.0	14.2	19.5
Gooseberry R.S.	3/30	46	14.7	8.9	12.0

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUBWATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
UPPER SEVIER RIVER			
East Fork Sevier	4	191	143
South Fork Sevier	6	192	129
LOWER SEVIER	14	192	137
BEAVER RIVER	3	196	158

1-Observed flow corrected for change in storage and diversions
2-Provisional flows - Subject to correction

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Sevier River at Hatch	500-700	
Beaver River nr Beaver	300-560	211

(a) - Maximum mean daily peak flow

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
NAME					
Harris Flat	3/27	25	9.7	3.4	6.5
Kimberly Mine	3/25	56	18.9	10.7	15.8
Long Valley Junction	3/27	1	0.4e	0.2	2.7
Merchants Valley Upper	3/26	42	15.2	7.2	9.7b
Midway Valley	3/27	78	24.0	11.9	20.1
Otter Lake	3/26	60	19.8	10.1	12.3
Pickle Keg Springs	3/30	67	22.7	10.9	16.1b
Widtsoe-Escalante #3	3/27	54	15.4	10.4	9.9

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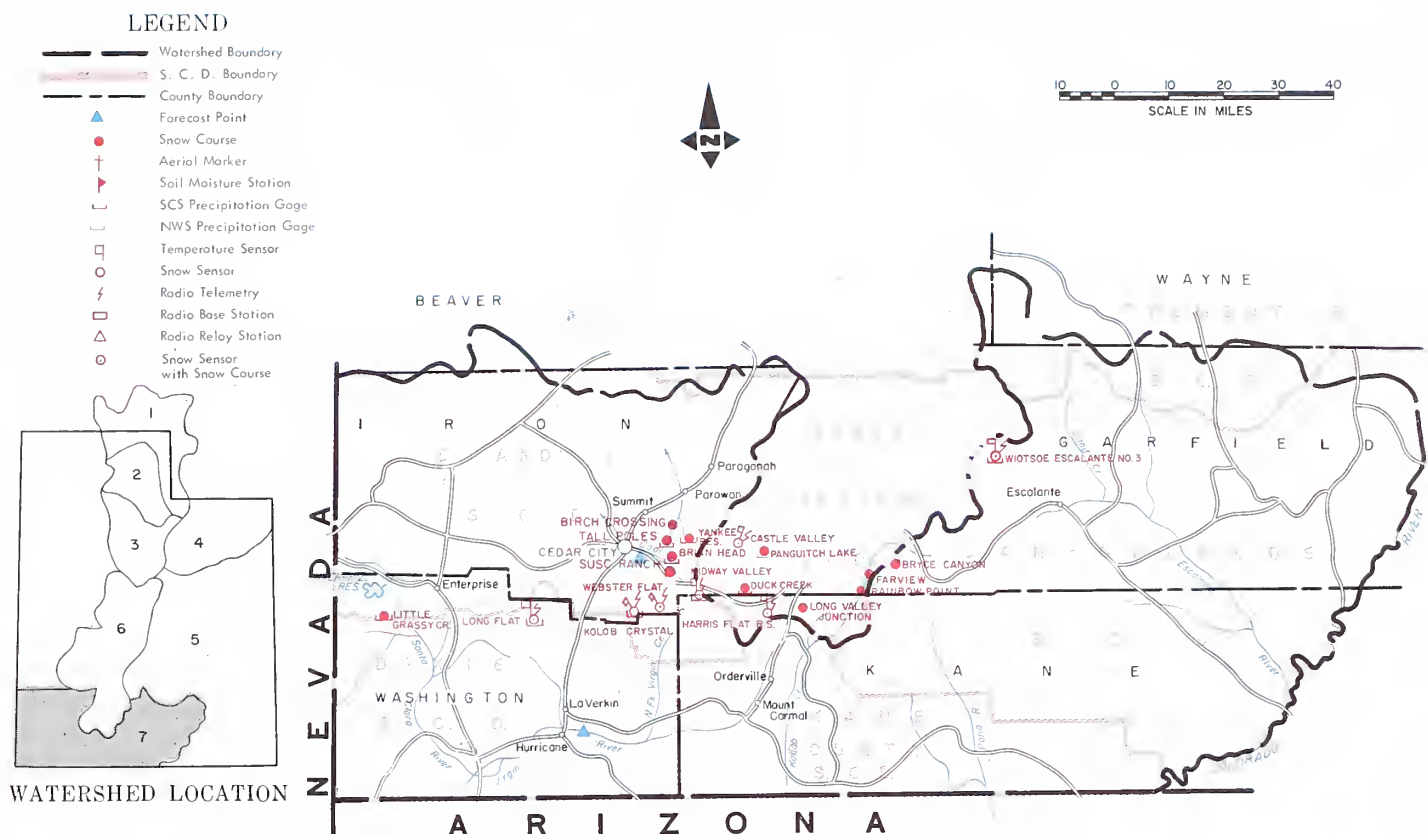
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"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



APRIL 1, 1982

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER increased about 3 to 4 times the March average and now ranges from 96% of average for the Enterprise-New Harmony area to 135% for Parowan Creek. Virgin River is now 107% and Coal Creek 121% of the April 1 average.

PRECIPITATION at mountain stations ranges from 132% of the March average at Yankee Reservoir to 306% at Little Grassy Creek above Enterprise.

SOIL MOISTURE is below average at higher elevations.

RESERVOIR STORAGE in local reservoirs is reported as about average with Gunlock full, Baker about 85% full, Upper Enterprise 1/3 full and Lower Enterprise about 10 feet yet to fill.

STREAMFLOW FORECASTS range from 73% of average for Santa Clara to 125% for Lake Powell Inflow. Coal Creek is forecast 108% of average and Virgin at Hurricane 80% of the April-June average. Water supplies from direct streamflow diversions on the Virgin, Santa Clara and the Enterprise-New Harmony area are still expected to be short by late season.

EAST GARFIELD, KANE, WASHINGTON AND IRON COUNTIES IN UTAH

STREAMFLOW FORECASTS

STREAMFLOW FORECASTS		THIS YEAR		PAST RECORD	
BASIN, STREAM and/or FORECAST POINT	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
VIRGIN RIVER					
Virgin nr Hurricane	39	80	Apr-June	48.5	
Santa Clara nr Pine Valley	3.0	73	Apr-June	4.1	
COAL CREEK					
Coal Creek nr Cedar City	18.0	108	Apr-July	17.0	
UPPER COLORADO					
Lake Powell Inflow	8700.0	125	Apr-July	6952	
2 - Provisional Flows - Subject to correction					

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUB-WATERSHED	Number of Gauges Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
COAL CREEK	4	185	121
VIRGIN RIVER	3	165	107
PAROWAN CREEK	4	192	135
ENTERPRISE - NEW HARMONY	2	153	96

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
COLORADO	Lake Powell	25002.0	19635.0	21593.0	--
	Blue Mesa	829.5	219.9	414.0	
b - Average of all past record - less than 15 years					
+ - 1963-77 15 year Average Period					

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Coal Creek nr Cedar City		
Virgin nr Virgin		
(a) - Maximum mean daily peak flow		

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Birch Crossing	3/30	37	10.5	2.7	5.3 ^b
Brian Head	3/27	77	24.6	15.1	19.9 ^b
Harris Flat	3/27	25	9.7	3.4	6.5
Kolob-Crystal	3/27	77	24.0	13.5	21.8 ^a
Little Grassy	3/26	3	0.8	0.0	2.0
Long Flat	3/26	21	6.4	4.7	5.5

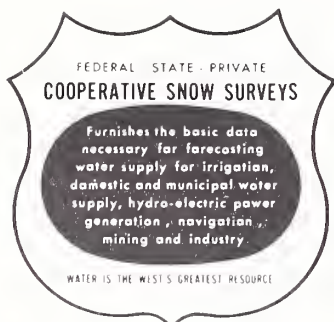
SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Long Valley Junction	3/27	1	0.4 ^e	0.2	2.7
SUSC Ranch	3/30	38	8.3	3.2	6.1 ^b
Tall Poles	3/30	62	18.3	8.5	13.8 ^b
Webster Flat	3/26	58	18.6	12.4	15.7
Yankee Reservoir	3/27	36	11.4	7.3	9.0

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

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FIRST CLASS MAIL

"The Conservation of Water begins with the Snow Survey"

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
				Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
NAME											
GREAT BASIN											
UPPER BEAR RIVER (Above Harer, Idaho)											
Burts-Miller Ranch	3/27	17	6.1	7.0	6.1	3/27	1.58	--	12.28	12.00 ^b	102
CCC Camp	3/30	49	15.4	7.5	13.4						
Hayden Fork	3/27	54	20.0	12.5	15.9	3/27	4.42	--	28.23	20.06 ^b	141
Monte Cristo R.S.	3/26	89	32.6	12.3	25.9	3/26	8.22	4.68	34.81	25.95	134
Salt River Summit	3/30	68	21.4	8.8	16.9	3/30	4.62 ^a	2.97	25.24 ^a	17.23	146
Stillwater Camp	3/27	42	13.1	7.9	11.3 ^b	3/27	2.72	--	18.31	12.39	148
Lily Lake	3/27	55	19.1	10.8	--	3/27	3.25	--	21.07	--	--
LOWER BEAR RIVER (Below Harer, Idaho)											
Bug Lake	3/26	79	28.9	8.9	20.7 ^a	3/26	6.00 ^a	--	29.20 ^a	--	--
Christensen Ranch	3/25	26	10.9	4.1	7.6						
Cliff Canyon	3/25	43	14.6	4.2	--						
Cub River R.S.	3/25	24	10.2	3.2	6.9						
Daniels Creek	3/25	27	9.8	2.0	--						
Dry Basin	3/25	104	38.5	17.0	30.2						
Dry Creek Flat	3/25	22	9.3	0.9	5.3						
Emigrant Summit	3/31	103	36.7	12.6	26.0						
Emigration Canyon	3/31	48	16.4	5.4	11.1						
Franklin Basin	3/25	94	35.3	14.4	28.2	3/25	5.60 ^a	--	40.20 ^a	--	--
Garden City Summit	3/25	67	24.0	7.1	18.5	3/25	4.81	3.43	24.22 ^a	19.23	126
Horseshoe Basin	3/25	94	35.7	17.3	25.6						
Klondike Narrows	3/25	72	28.6	9.9	20.7	3/25	5.69	4.25 ^b	30.26	23.85 ^b	127
Liberty Spring	3/25	146	57.6	17.8	39.8						
Little Bear (lower)	3/26	33	14.0	2.2	9.9						
Little Bear (upper)	3/26	41	16.1	6.4	12.9	3/26	8.80 ^a	2.91 ^b	34.40 ^a	18.13 ^b	190
Lower Elkhorn	3/25	56	21.8	6.9	14.0 ^a						
Oxford Mountain	3/25	41	14.1	5.1	9.5 ^a						
Slug Creek Divide	3/29	64	22.3	9.0	18.0						
Steep Hollow #1	3/25	137	51.5	19.0	38.0						
Steep Hollow #2	3/25	96	36.2	14.3	27.0						
Strawberry Creek	3/31	36	12.7	4.9	10.2						
Strawberry Mink Divide	3/25	73	28.8	10.0	21.9						
Tony Grove Lake	3/25	131	49.8	15.5	35.0 ^a	3/25	9.00 ^a	4.16 ^b	52.40 ^a	--	--
Tony Grove R.S.	3/25	43	17.6	3.5	11.9	3/25	5.32	2.85 ^b	27.92	--	--
Upper Elkhorn	3/25	78	27.0	11.4	19.5 ^a						
Willow Flat	3/25	46	19.3	6.6	14.8	3/25	7.11	4.04	34.90	22.89	150
Worm Creek	3/25	59	23.0	11.6	--						
UPPER RAFT RIVER											
One Mile Summit	4/3	33	9.2	5.3	7.6						
Clear Creek Meadows	4/3	112	36.0	18.1	23.6						
George Peak	4/3	116	44.0	--	--						
ViPont	4/3	61	22.0	9.5	15.1						
OGDEN RIVER											
Beaver Creek-Skunk Creek	3/26	44	17.1	4.1	12.0						
Ben Lomond Peak	3/26	137	51.0	18.8	34.1	3/26	7.50 ^a	6.17 ^b	51.90 ^a	47.13 ^b	110
Ben Lomond Trail	3/26	61	24.9	8.4	16.2 ^b	3/26	12.58	3.76 ^b	36.24	28.74 ^b	126
Causey Dam	3/26	0	0.0	0.0	--	3/26	5.57	2.31 ^b	20.68	14.22	145
Dry Bread Pond	3/26	68	25.1	9.4	18.9	3/26	5.50 ^a	3.88 ^b	26.30 ^a	20.84	126
Sagebrush Flat	3/26	11	4.8	0.0	2.0	3/26	molested	2.28 ^b		14.35	

SNOW

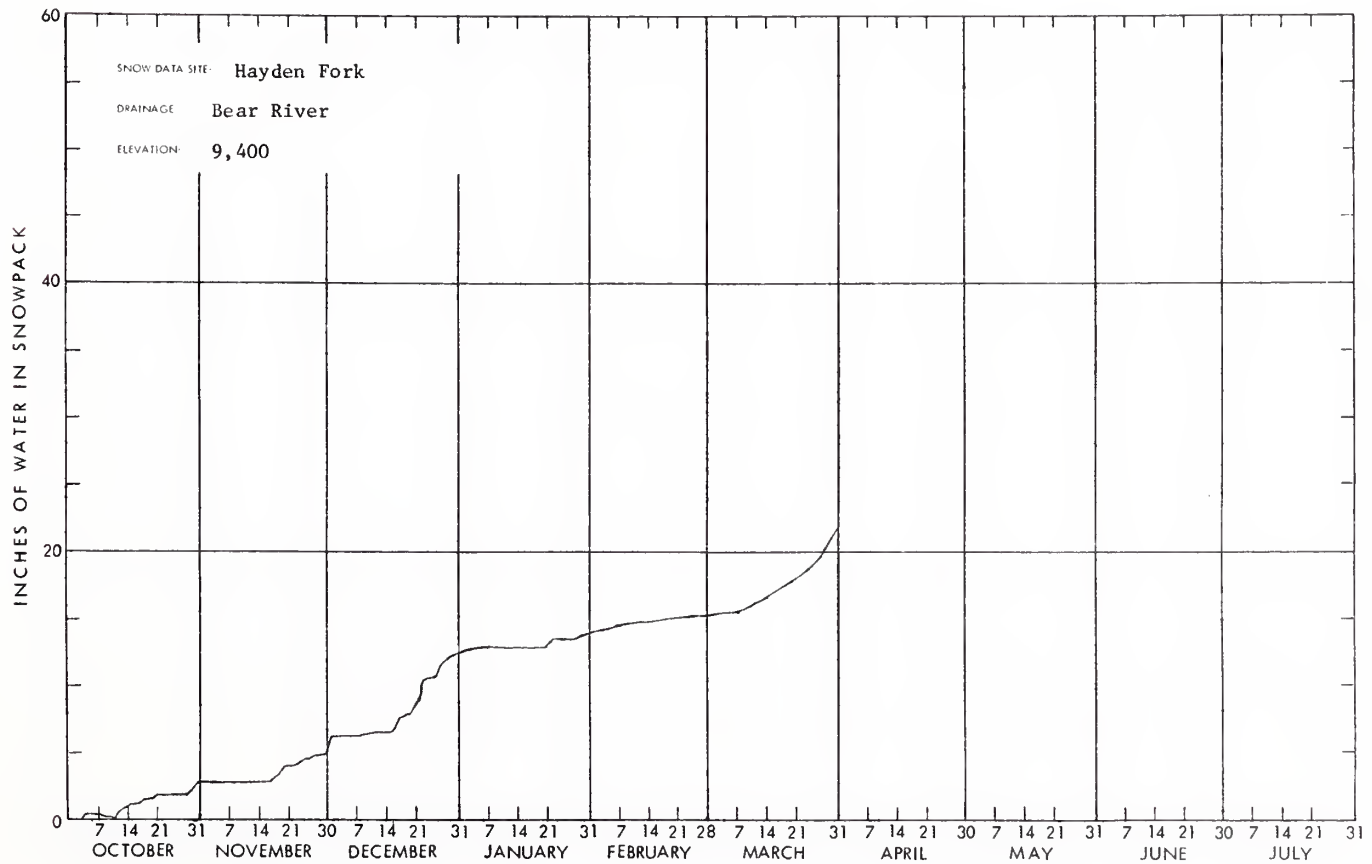
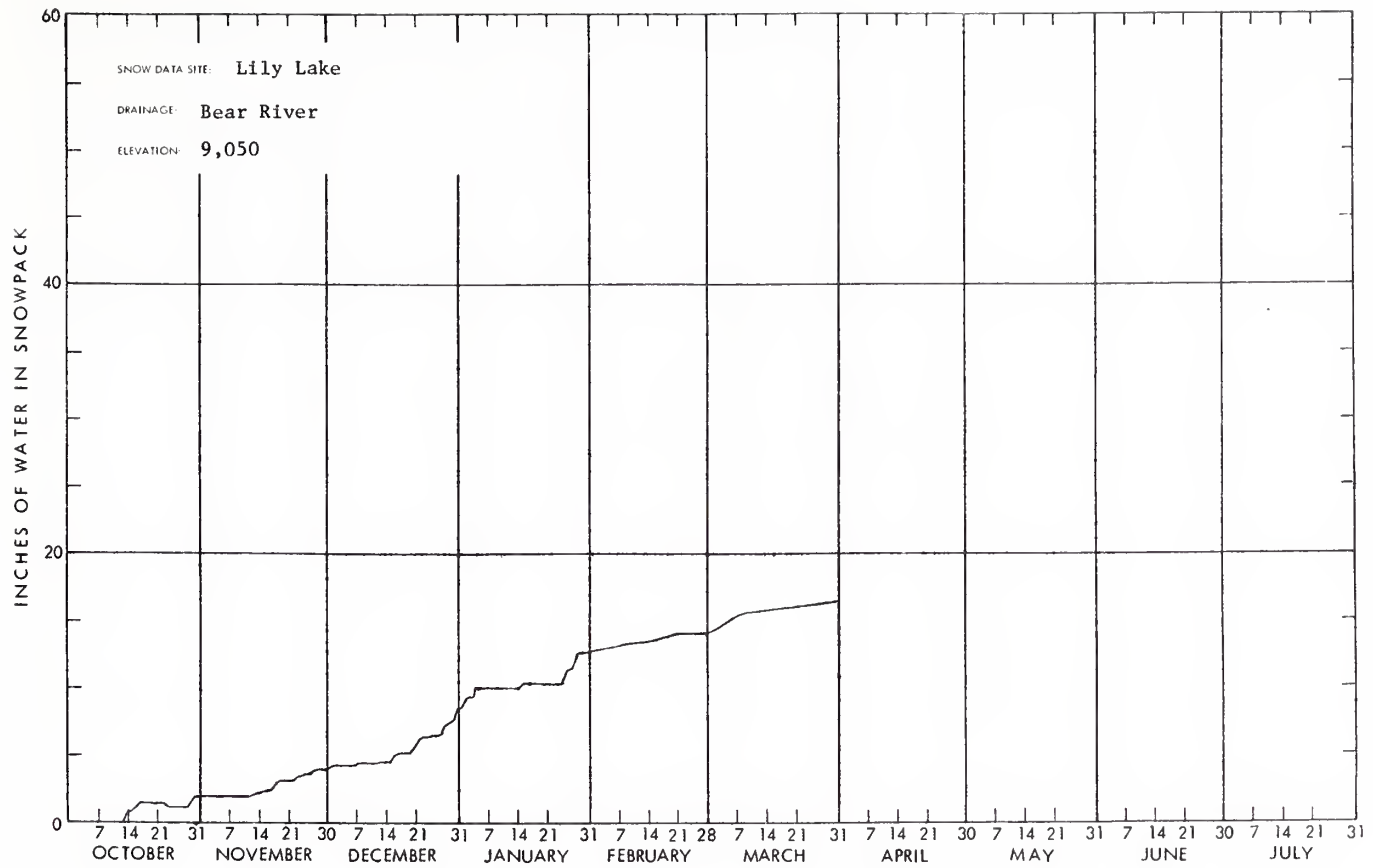
DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
				Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
GREAT BASIN CONT.											
WEBER RIVER											
Beaver Creek R.S.	3/27	28	11.4	5.4	7.2						
Chalk Creek #1	3/27	86	31.3	16.7	22.4	3/27	4.50 ^a	3.40 ^b	33.00 ^a	17.70	186
Chalk Creek #2	3/27	57	19.5	12.3	15.6	3/27	4.00 ^a	3.11 ^b	21.80 ^a	16.17 ^b	135
Chalk Creek #3	3/27	25	9.7	7.2	7.5	3/27	3.51	2.68 ^b	19.66	13.94 ^b	141
Farmington Canyon (lower)	3/29	77	27.9	17.5	22.4 ^b	3/29	11.39	5.23 ^b	40.32	27.63	146
Farmington Canyon (upper)	3/29	110	40.4	20.5	30.8 ^b	3/29	11.80 ^a	--	48.10 ^a	--	--
Farmington G.S.	3/29	83	30.7 ^e	16.0		3/29	9.94	5.49 ^b		29.01	
Hardscrabble	3/29	65	22.1								
Horse Ridge	3/26	80	30.2	10.6	21.9 ^b	3/26	6.11	4.24 ^b		23.64	
Kilfoil Creek	3/27	57	19.1	8.0	13.5 ^b						
Lost Creek Reservoir	3/27	10	4.4	0.0	2.0 ^b			--		--	
Park City Summit	4/2	118	47.8	18.2	--						
Parley's Canyon Summit	3/30	73	23.9	12.0	18.5	3/30	6.62	4.07	31.54	22.55	140
Pine Canyon	3/27	62	23.0	--	--						
Redden Mine (lower)	3/27	65	22.9	12.6	18.0	3/27	6.17	--	29.40	--	
Smith & Morehouse	3/27	43	16.3	9.4	12.9	3/27	4.24	3.04	20.55	17.75	116
Sargeant Lake (A)											
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	3/27	44	16.0	8.4	10.8 ^a	3/27	1.10 ^a		24.80 ^a		
Camp Altamont	3/27	60	27.2	12.6	13.4						
Clear Creek Ridge #1	3/31	73	24.8	10.7	18.2			5.40 ^b		21.20 ^b	
Clear Creek Ridge #2	3/31	64	20.0	10.0	13.6	3/31	5.16	2.71 ^b	21.32	16.06 ^b	138
Clear Creek Ridge #3	3/31	22	8.6	1.6	5.2						
Dutchman R.S.	3/27	71	28.4	13.0	15.4	3/27	8.35	3.07 ^b	molested	20.82	
Hobble Creek Summit	4/1	53	19.1	7.6	12.9	4/1	6.85	2.70	molested	17.19	
Payson R.S.	3/25	67	24.7	10.1	18.4	3/25	5.10 ^a	2.90	25.30 ^a	17.95	141
Soapstone R.S.	3/27	43	16.2	8.6	11.6	3/27	3.76	2.40	23.78	16.22	147
South Fork R.S.	3/25	22	9.6	4.8	3.2						
Timpanogos Cave Camp	3/25	2	1.2	0.0	0.6						
Timpanogos Divide	3/27	99	38.6	17.2	23.5	3/27	13.20	3.36	39.35	25.09	157
Trial Lake	3/27	95	35.5	16.3	23.5	3/27	6.84	3.77	37.24	23.84	156
JORDAN RIVER & GREAT SALT LAKE											
Bevan's Cabin				10.8	11.5						
Lamb's Canyon #2	3/30	67	23.1	10.5	--	3/30	5.88	--	30.80 ^a		
Middle Canyon	3/27	35	14.2	11.4	14.1	3/27	6.40	3.39	27.80	15.92	175
Mill Creek	3/31	77	26.8	16.6	--						
Mill D South Fork	3/31	76	28.4	13.1	19.9						
Rock Basin-Settlement				21.7	27.1			--		24.01 ^b	
Silver Lake (Brighton)	3/31	106	38.1	16.3	24.9			4.80		27.18	
Snow Bird (Gad Valley)				21.2	--						
Vernon Creek	3/27	36	11.5	7.2	11.2 ^a	3/27	5.95	2.51 ^b	23.22	15.27	152
Desert Peak				22.2	--						
COLORADO RIVER DRAINAGE											
UPPER GREEN RIVER - UTAH											
Ashley-Twin Lakes (A)											
Black's Fork G.S.-East Fork	3/27	43	12.5	7.3	9.0	3/27	2.45	2.43	16.40	11.94	137
Black's Fork Junction	3/27	40	11.4	7.2	9.2	3/27	2.30	2.25	15.92	11.62	137
Buck Pasture (A)											
Burnt Creek	3/31	20	5.6	5.0	--	3/31	2.30	1.51 ^b	11.70	8.83 ^b	133
Grizzly Ridge	3/31	39	10.4	7.2	--	3/31	5.10	2.23 ^b	17.50	12.78	137
Hewinta G.S.	3/27	42	12.5	8.0	9.4	3/27	3.50	2.50	17.23	12.56	137
Hickerson Park	3/28	28	7.5	8.3	5.9 ^b	3/28	1.84	1.76 ^b	9.79	9.41 ^b	104
Hole-in-the Rock	3/29	24	6.5 ^a	6.5	5.0						
Hole-in-the Rock G.S.	3/29	4	1.4 ^a	4.5	1.4						
Middle Beaver Creek	3/29	15	3.9	3.6	4.5						
King's Cabin (upper)	3/28	48	13.4	8.4	9.8	3/28	4.34	1.90	15.94	11.14	143
Reynolds Park (A)											
Spirit Lake	3/28	56	17.0	14.7	12.1	3/28	4.45	2.57 ^b	19.21	13.61 ^b	141
Steel Creek Park	3/27	66	20.6	13.6	15.6	3/27	2.90	2.75 ^b	20.90 ^a	20.85 ^b	100
Trout Creek	3/28	46	13.0	8.4	--	3/28	4.43	--	13.35	--	--
Henrys Fork (A)											

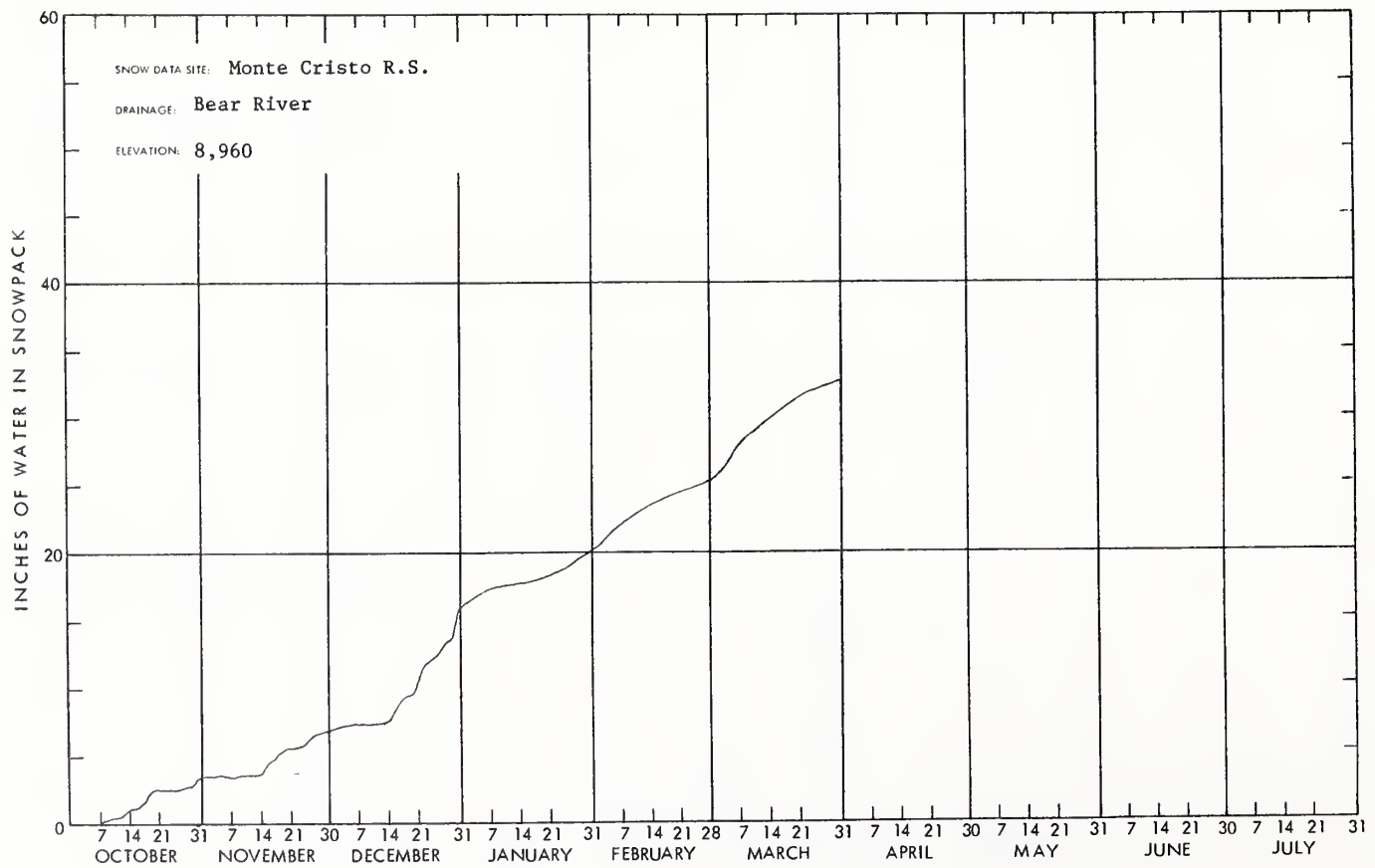
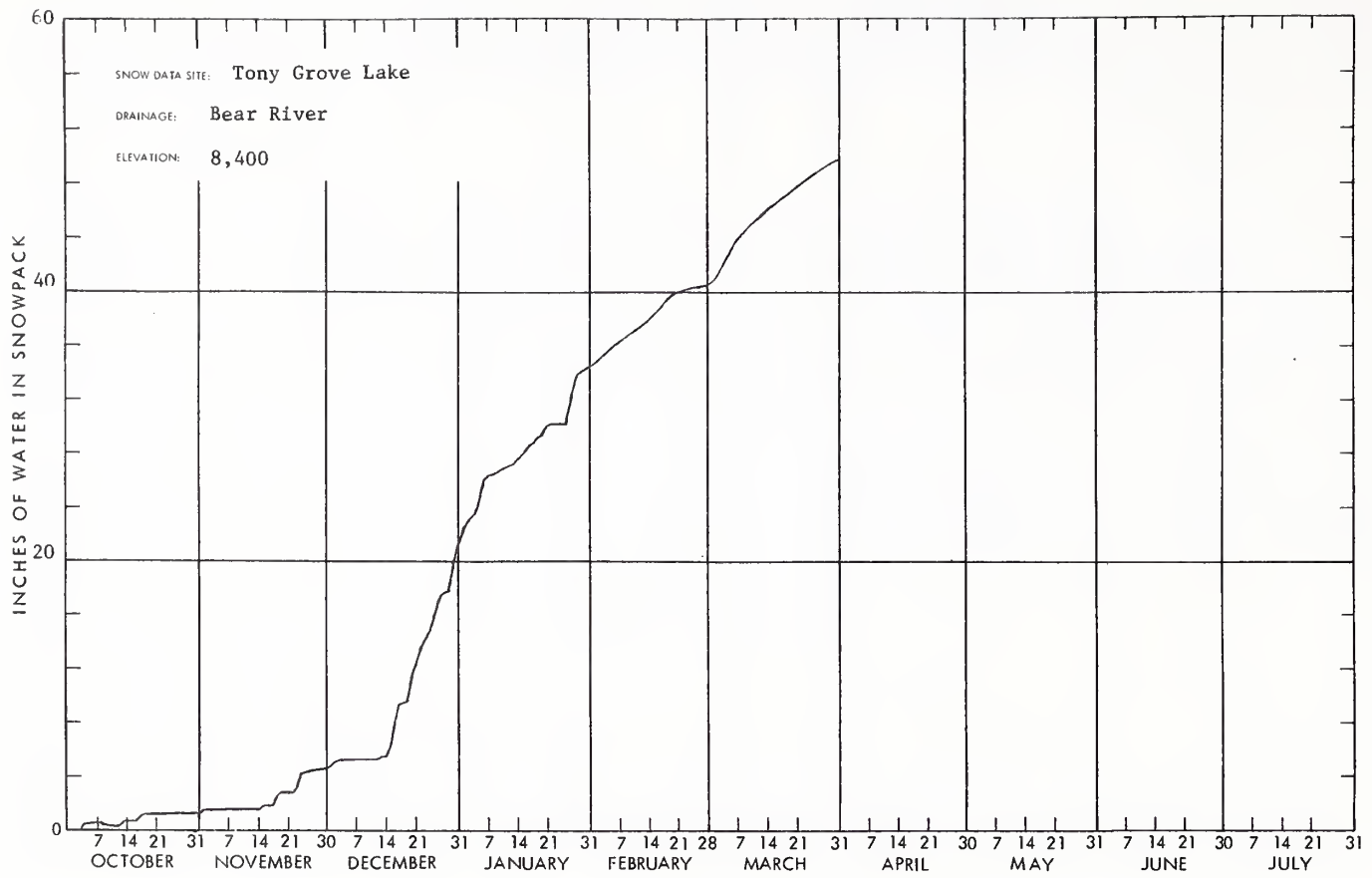
SNOW

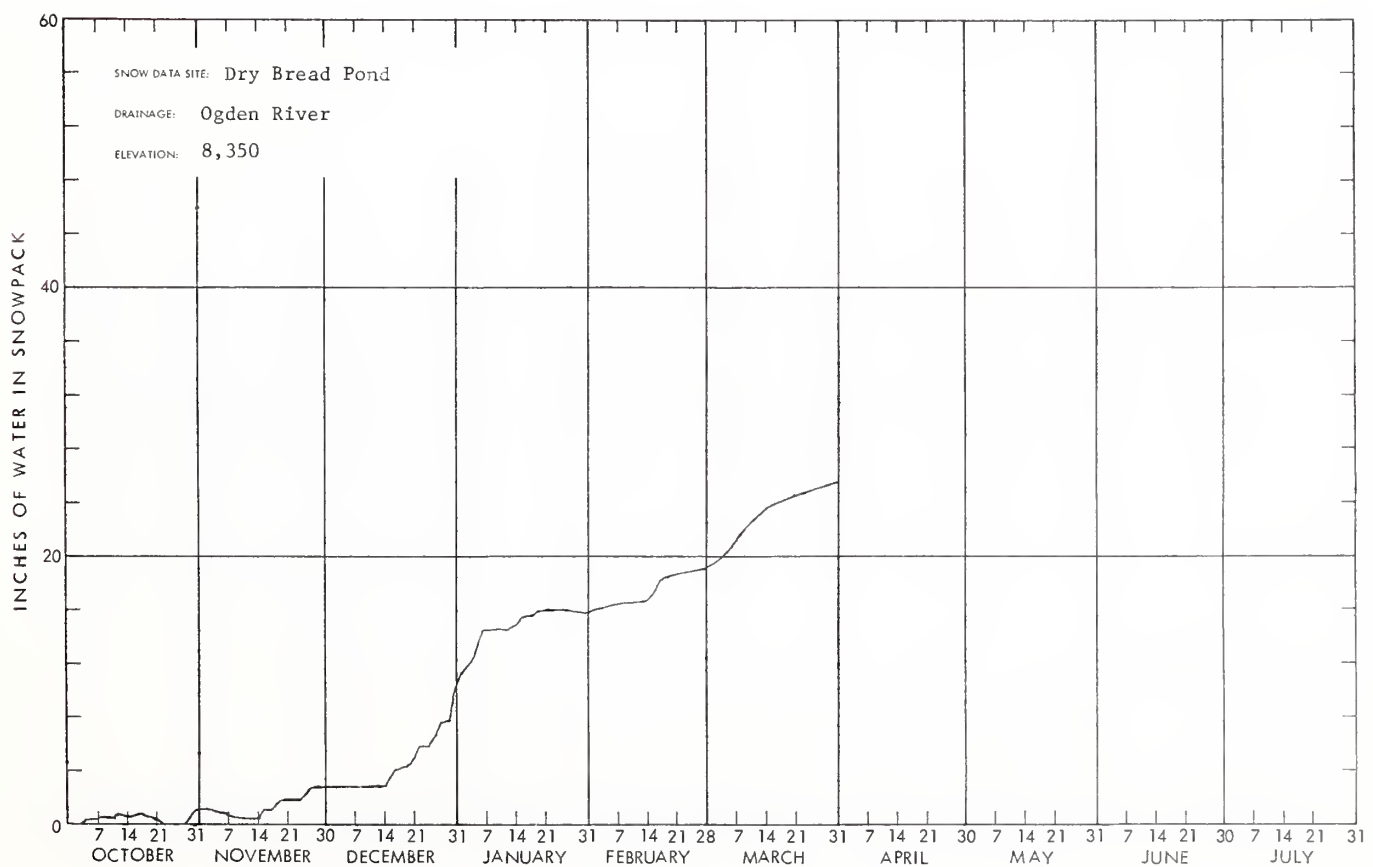
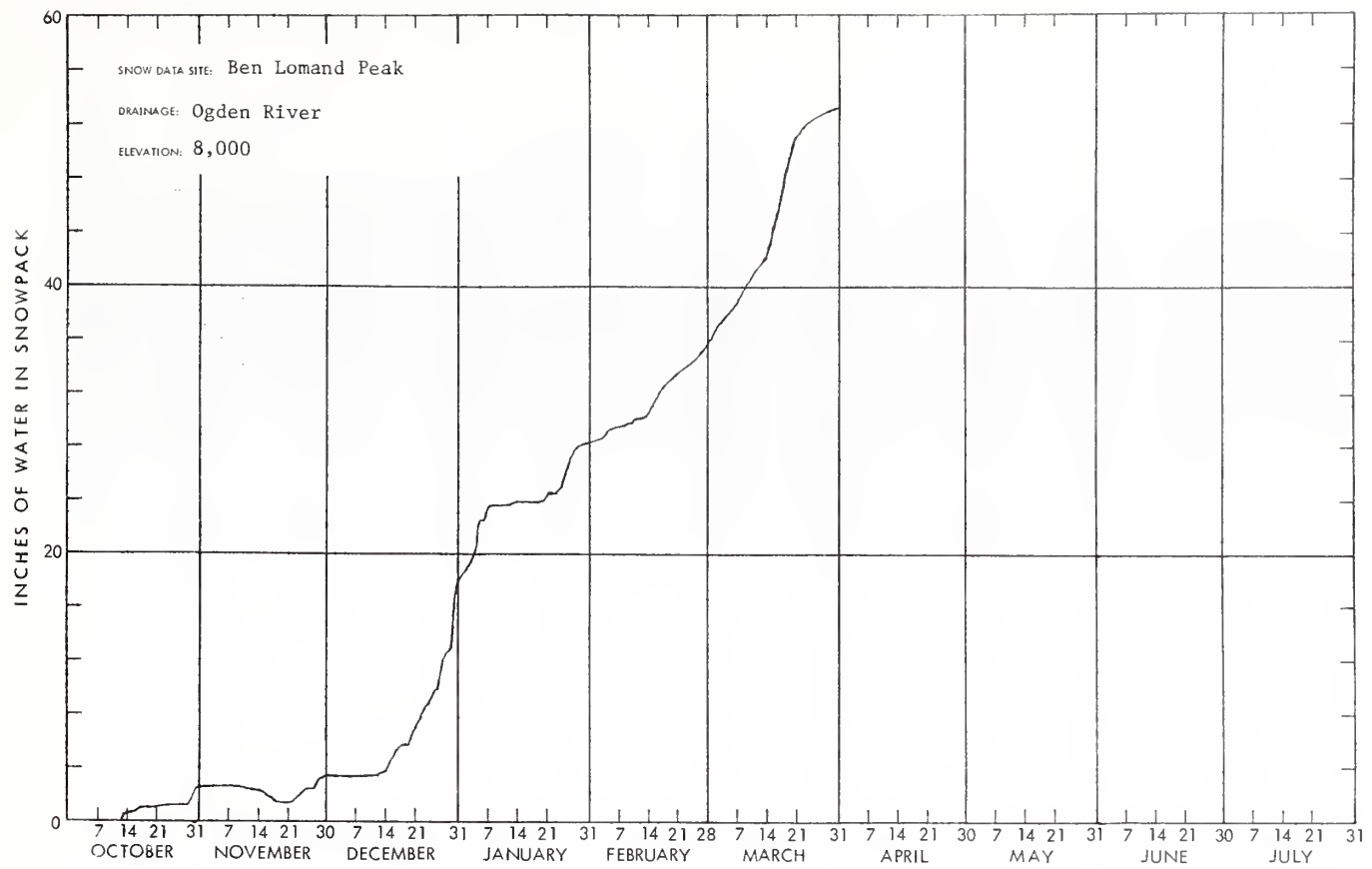
SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)						
	DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX OCT 1 TO DATE		
					Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
DUCHESNE RIVER												
Atwood Lake (A)												
Brown Duck Ridge	3/28	85	26.3	14.6	17.4 ^a	3/28	5.22	3.41 ^b	27.32	20.70 ^b	132	
Chepeta	3/28	61	17.6	12.5	--	3/28	5.60 ^a	--	20.20 ^a	--	--	
Currant Creek	4/1	43	12.7	0.3	7.7	4/1	7.35	2.14 ^b	25.66	13.79 ^b	186	
Daniels-Strawberry Summit	4/1	58	20.1	7.6	13.7	4/1	4.63	2.68	27.28	17.81	153	
East Portal	3/31	48	18.0	9.0	10.9	3/31	5/34	2.51 ^b	27.59	16.73	165	
Five Points Lake (A)												
Indian Canyon	3/31	58	17.7	9.5	12.0	3/31	4.55	1.91	20.52	12.78	161	
Jackson Park	3/28	63	16.8	12.4	11.5 ^b	3/28	4.52	--	28.85	12.68	228	
Lakefork Basin (A)												
Lakefork Mountain #1	3/28	53	14.7	9.9	10.6	3/28	4.80	2.08	18.88	12.62	150	
Lakefork Mountain #3	3/28	25	8.2	4.9	5.3							
Lightning Lake (A)												
Mosby Mountain	3/28	47	13.3	8.4	8.6	3/28		1.47 ^b	23.76	12.00	198	
Paradise Park	3/28	66	20.6	14.1	11.8	3/28	6.49	1.78 ^b	22.04	13.05	169	
Rock Creek Ranch	3/28	26	8.6	5.8	5.8	3/28	3.70	--	16.73	11.04	152	
Strawberry Divide	3/31	75	26.0	13.6	18.5	3/31	6.40 ^a	--	42.80 ^a	--	--	
PRICE RIVER												
Dry Valley Divide Alternate	3/31	42	13.4	2.5	--							
Mud Creek	3/31	65	20.0	7.8	12.3	3/31	3.00	2.56	20.90 ^a	14.25	147	
White River #1	3/31	55	18.3	8.0	12.8	3/31	4.48	2.14	21.87	13.22	165	
White River #3	3/31	32	12.0	0.6	6.1							
SAN RAFAEL RIVER												
Buck Flat	3/30	82	28.2	9.8	15.4	3/30	6.55 ^a	2.71	28.50 ^a	17.21	166	
Huntington-Horseshoe	3/31	86	31.4	17.1	22.7							
Orange Olsen	3/31	21	7.5	0.0	--	3/31	2.63	1.01 ^b	13.01	7.40	176	
Red Pine Ridge	3/31	73	23.7	9.1	16.5	3/31	4.91	3.54	29.67	19.79	150	
Seeley Creek R.S.	3/31	66	22.4	8.4	16.0	3/31	6.70 ^a	--	23.30 ^a	--	--	
Stuart R.S.	3/31	39	13.2	1.1	6.5	3/31	3.48	--	16.66	11.62	143	
Upper Joe's Valley	3/31	46	14.6	4.3	9.5							
Wrigley Creek	3/30	56	17.4	7.2	10.1							
MUDDY RIVER												
Black's Fork	3/30	66	21.2	8.8	12.6							
Dill's Camp	3/30	66	20.6	5.8	11.4	3/30	4.93	--	25.80	14.40 ^b	179	
FREMONT RIVER												
Black's Flat-U.M. Creek	3/29	48	15.3	7.1	10.4	3/29	3.50	2.46 ^b	17.10	12.10 ^b	141	
Fish Lake	3/28	33	11.3	5.6	7.0	3/28	2.71	1.68	13.21 ^a	9.18	144	
Johnson Valley	3/29	36	9.6	3.0	6.1							
Donkey Reservoir	3/28	35	10.0	6.9	6.9							
SOUTHEASTERN UTAH DRAINAGES												
Buckboard Flat	3/27	34	11.0	7.8	11.7	3/27	4.30	2.96	17.85	18.14	98	
Camp Jackson	3/27	36	10.5	7.7	10.8	3/27	4.50	2.51	16.55	16.78	99	
LaSal Mountain (lower)	3/26	28	8.6	9.4	8.6							
LaSal Mountain (upper)	3/26	53	17.1	16.4	15.3	3/26	3.70	3.14	19.73	14.18	139	
Monticello City Park	3/26	0	0.0	0.0	--							
UPPER SEVIER RIVER (South of Richfield, Utah)												
Box Creek	3/28	55	16.6	7.9	12/9	3/28	4.20	2.79	19.65	13.89	141	
Bryce Canyon	3/31	15	5.4 ^a	2.3	3.1							
Castle Valley	3/27	51	15.1	9.9	11.3	3/27	6.44	2.77	18.75	13.89	135	
Duck Creek R.S	3/27	52	16.0	7.4	11.5	3/27	7.90	3.28 ^b	23.65	16.53	143	
Farview	4/1	34	11.2 ^a	5.6	--							
Harris Flat	3/27	25	9.7	3.4	6.5	3/27	3.90 ^a	--	15.40 ^a	--	--	
Kimberly Mine	3/25	56	18.9	10.7	15.8	3/25	4.81	3.79 ^b	24.12	18.17	133	
Midway Valley	3/27	78	24.0	11.9	20.1	3/27	10.80 ^a	3.71 ^b	27.20 ^a	19.17 ^b	142	
Panguitch Lake	3/27	14	4.4	2.6	2.9	3/27	2.70	1.38	11.69	7.89	196	
Rainbow Point	4/1	33	9.6 ^a	3.8	--							
Squaw Springs	3/28	36	10.0	3.7	6.6							

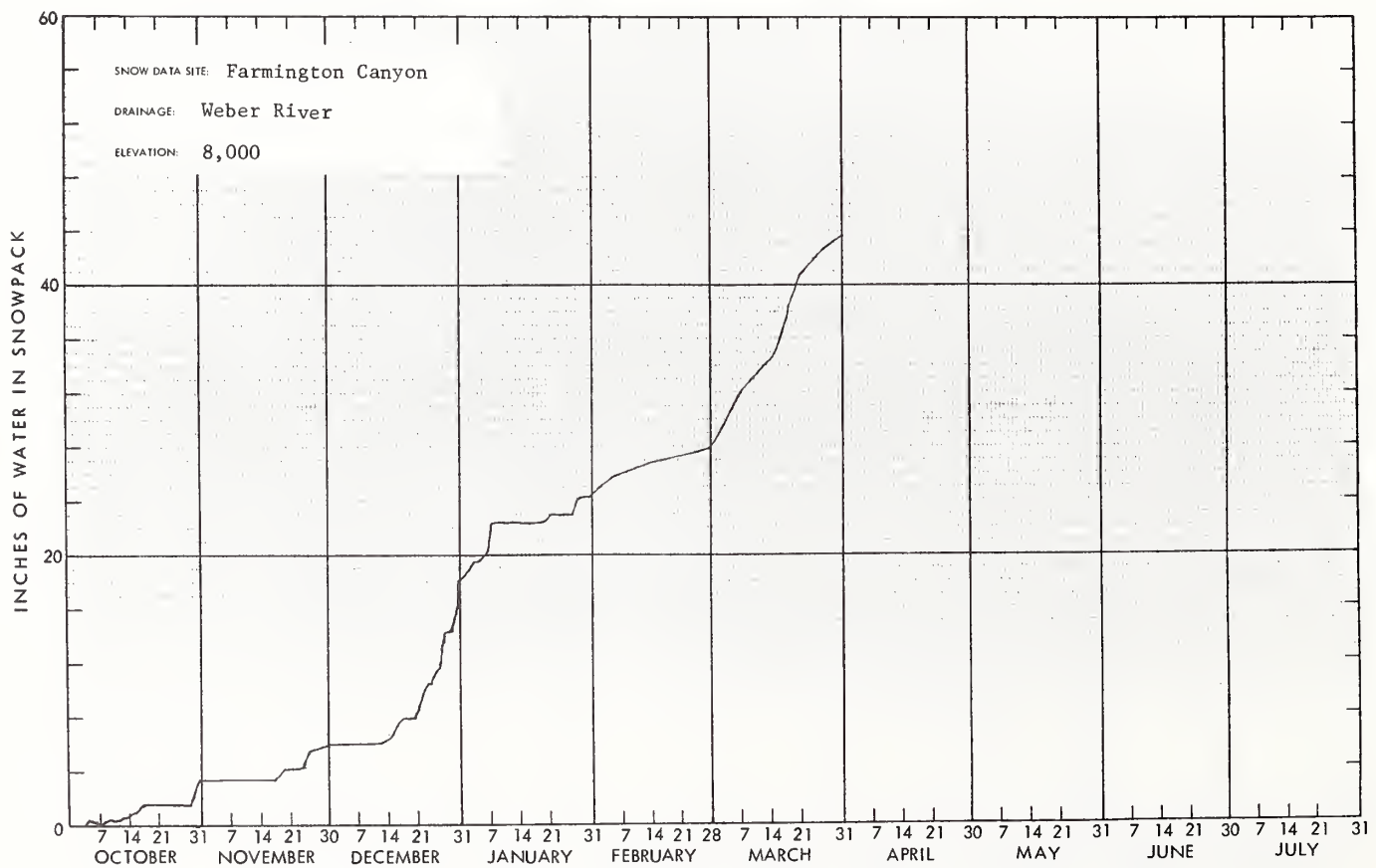
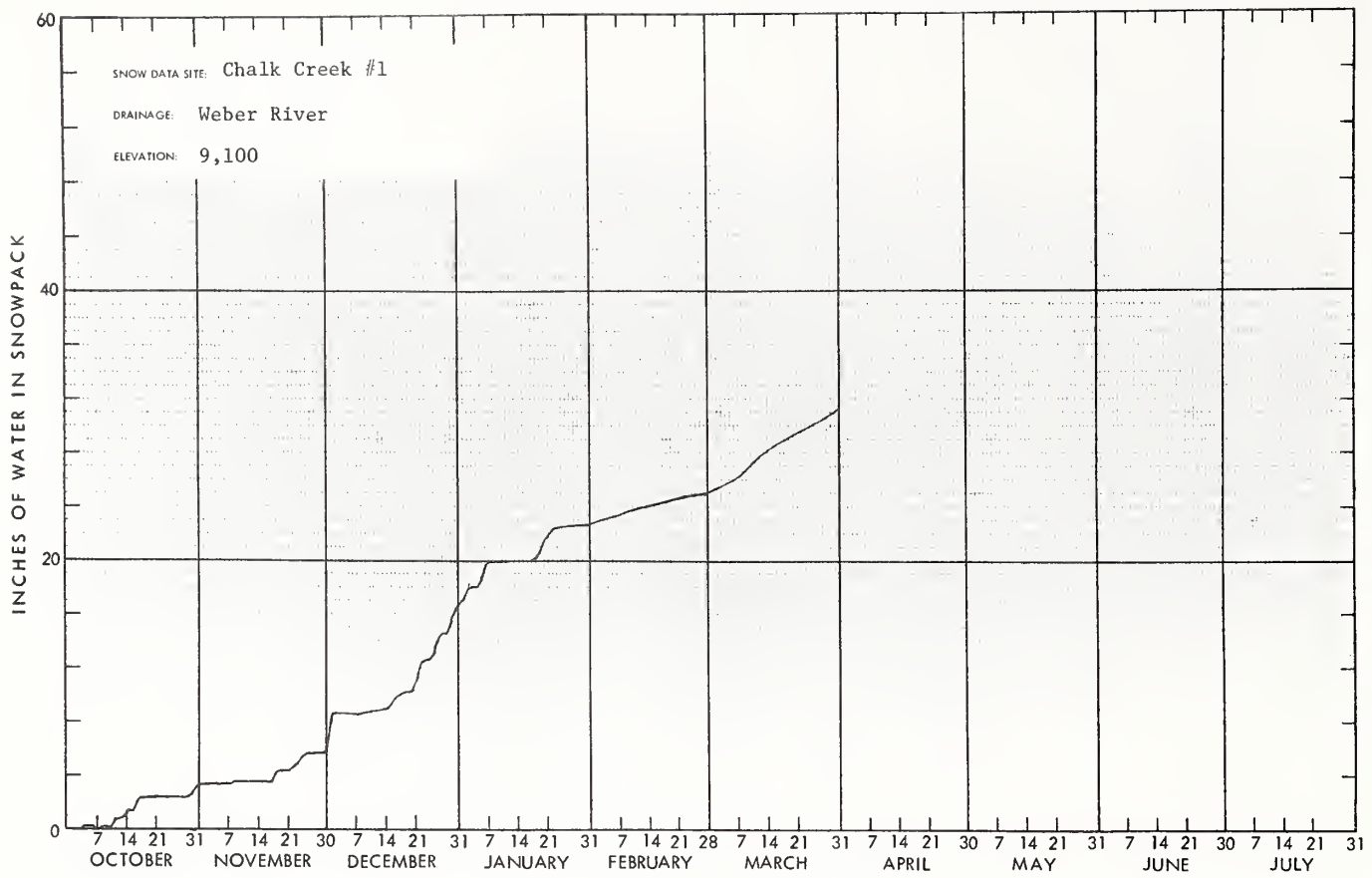
SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
				Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
LOWER SEVIER RIVER (Including San Pitch River)											
Beaver Dams	3/30	41	14.6	3.2	10.6	3/30	4.31	2.41	21.13	13.07	162
Farnsworth Lake	3/30	78	26.0	14.2	19.5	3/30	7.90 ^a	4.33	27.56 ^a	19.56	141
G.B.R.C. Headquarters	3/31	65	20.7	12.2	15.8	3/31	5.23	4.08	25.11	18.29	137
G.B.R.C. Majors	3/31	12	3.8 ^a			3/31	3.37	1.56 ^b	14.59	8.51	171
G.B.R.C. Meadows	3/31	100	34.2	17.2	22.4	3/31	9.90 ^a	4.10	34.63 ^a	21.67	160
G.B.R.C. Oaks								2.17		11.87	
Gooseberry R.S.	3/30	46	14.7	8.9	12.0	3/30	4.30	3.04 ^b	19.28	12.91 ^b	149
Mammoth-Cottonwood Creek	3/31	84	29.2	12.9	20.3	3/31	4.00 ^a	--	32.40 ^a	--	--
Mt. Baldy R.S.	3/30	100	34.7	16.4	21.8			3.14		16.90	
Oak Creek	3/25	39	11.9	8.4	11.5 ^b	3/25	4.74	--	21.88	13.78 ^b	159
Pickle Keg Springs	3/30	67	22.7	10.9	16.1 ^b	3/30	6.20 ^a	--	26.70 ^a	--	--
Pine Creek	3/25	52	18.8	9.4	15.2	3/25	6.41	4.94	28.99	23.47	124
Ree's Flat	3/25	48	17.1	9.3	12.2	3/25	3.68	--	21.95	--	--
Shingle Mill	3/31	28	9.4	7.4	8.4	3/31	5.95	3.10	22.17	15.68	141
Gooseberry Reservoir				0.0	--	3/31	7.23	3.60	30.89	21.71	142
Middle Fork	3/31	98	31.6	18.7	23.4						
Thistle Flat	3/31	66	22.2	11.4	15.9						
BEAVER RIVER											
Beaver Canyon Power House								1.72		8.53	
Beaver Race Track	3/31	0	0.0	--	--						
Big Flat	3/26	78	25.4	13.5	16.1	3/26	6.42	3.00	25.42 ^a	15.53	164
Merchant's Valley (upper)	3/26	42	15.2	7.2	9.7 ^b	3/26	5.61	2.96 ^b	19.17	14.25	135
Otter Lake	3/26	60	19.8	10.1	12.3						
PAROWAN CREEK											
Birch Crossing	3/30	37	10.5	2.7	5.3 ^b						
Brian Head	3/27	77	24.6	15.1	19.9 ^b						
Tall Poles	3/30	62	18.3	8.5	13.8 ^b	3/30	7.80	3.02 ^b	20.30	14.89 ^b	136
Yankee Reservoir	3/27	36	11.4	7.3	9.0	3/27	3.61	2.73 ^b	17.26	12.13	142
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	3/26	3	0.8	0.0	2.0	3/26	6.61	2.16	13.93	14.49	96
Long Flat	3/26	21	6.4	4.7	5.5	3/26	5.01	2.40	12.60	11.63	108
COAL CREEK											
Cedar City Golf Course	3/30	0	0.0	0.0							
SUSC Ranch	3/30	38	8.3	3.2	6.1 ^b						
ESCALANTE RIVER											
Widtsoe-Escalante #3	3/27	54	15.4	10.4	9.9	3/27	4.07	2.40	16.28	12.07	135
VIRGIN RIVER											
Kolob-Crystal	3/27	77	24.0	13.5	21.8 ^a	3/27	9.60 ^a	--	24.60 ^a	--	--
Long Valley Junction	3/27	1	0.4 ^e	0.2	2.7						
Webster Flat	3/26	58	18.6	12.4	15.7	3/26	9.16	4.00	25.54	19.15	133
a - Partly Estimated b - Average of past record in average period - less than 15 years + - 1963-77 15 year average period (A) - Aerial Marker Reading											

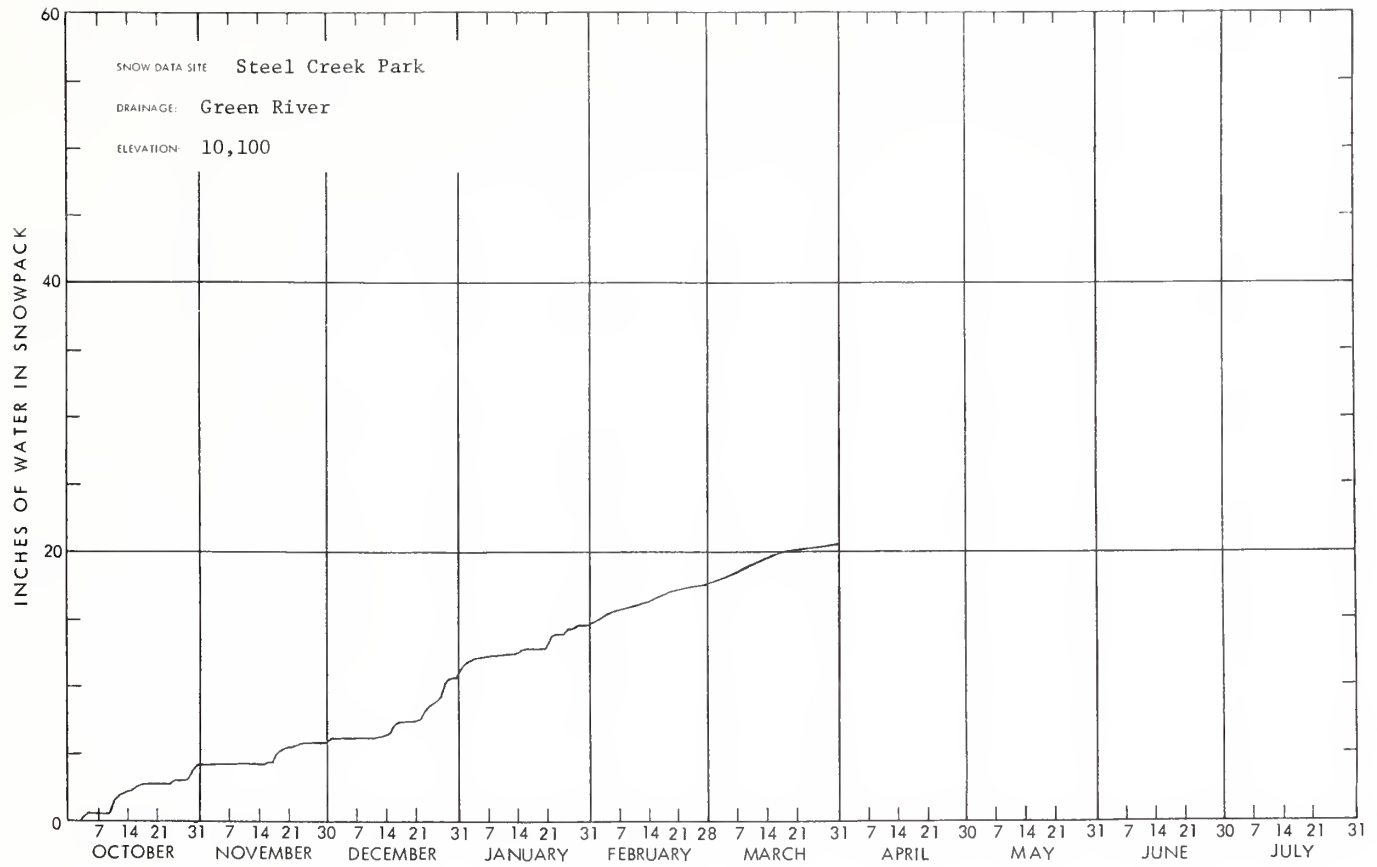




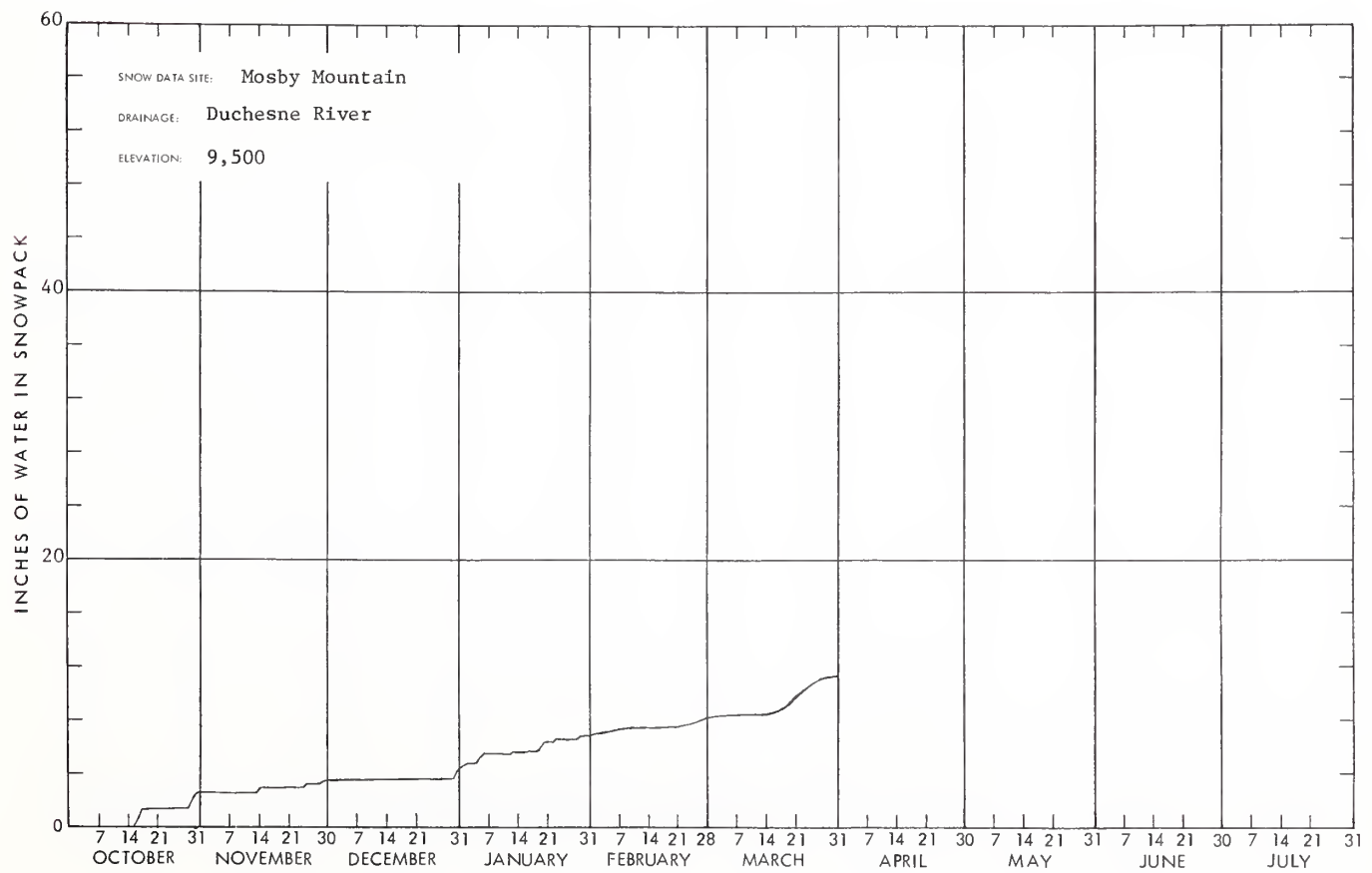


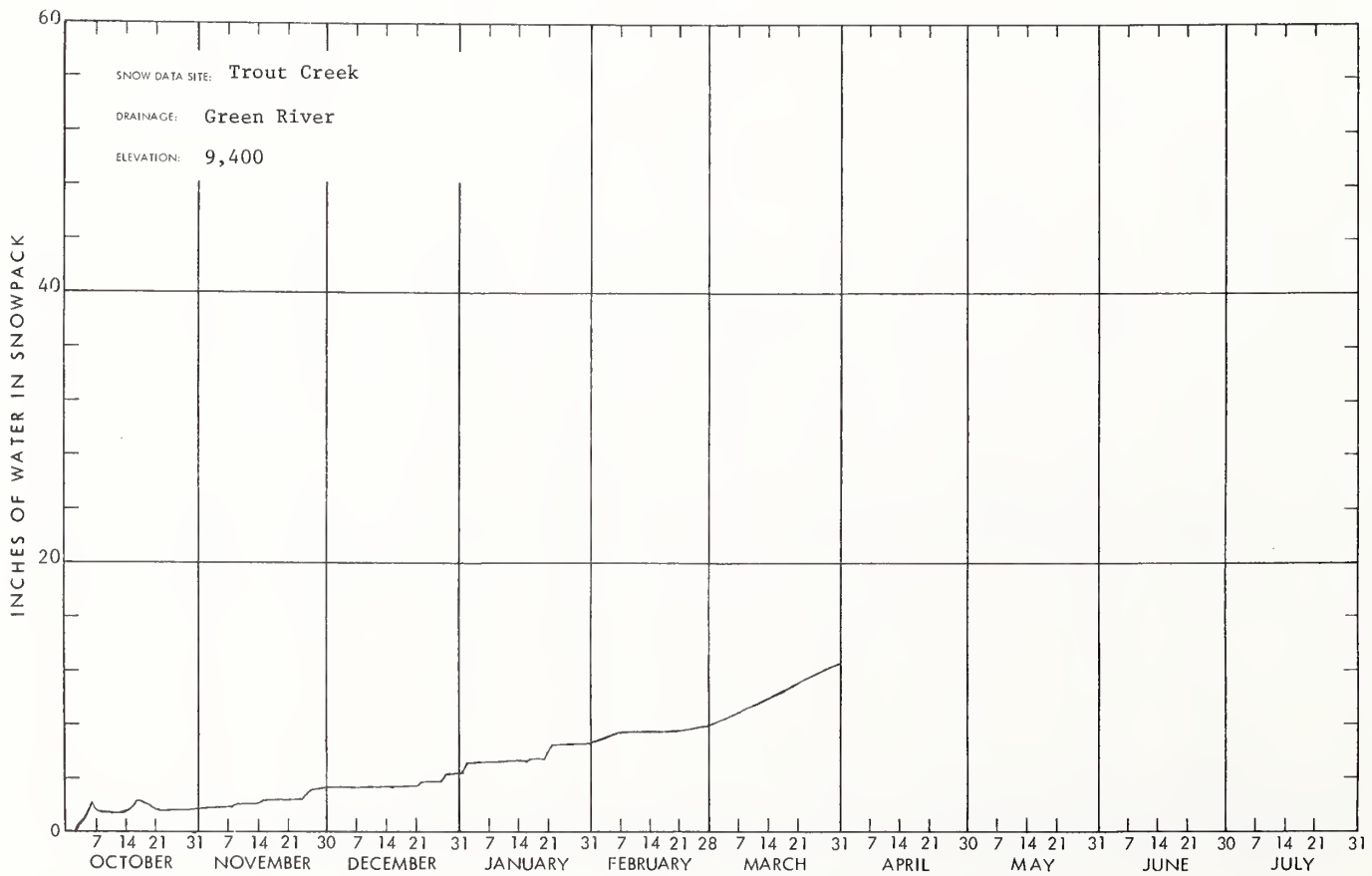
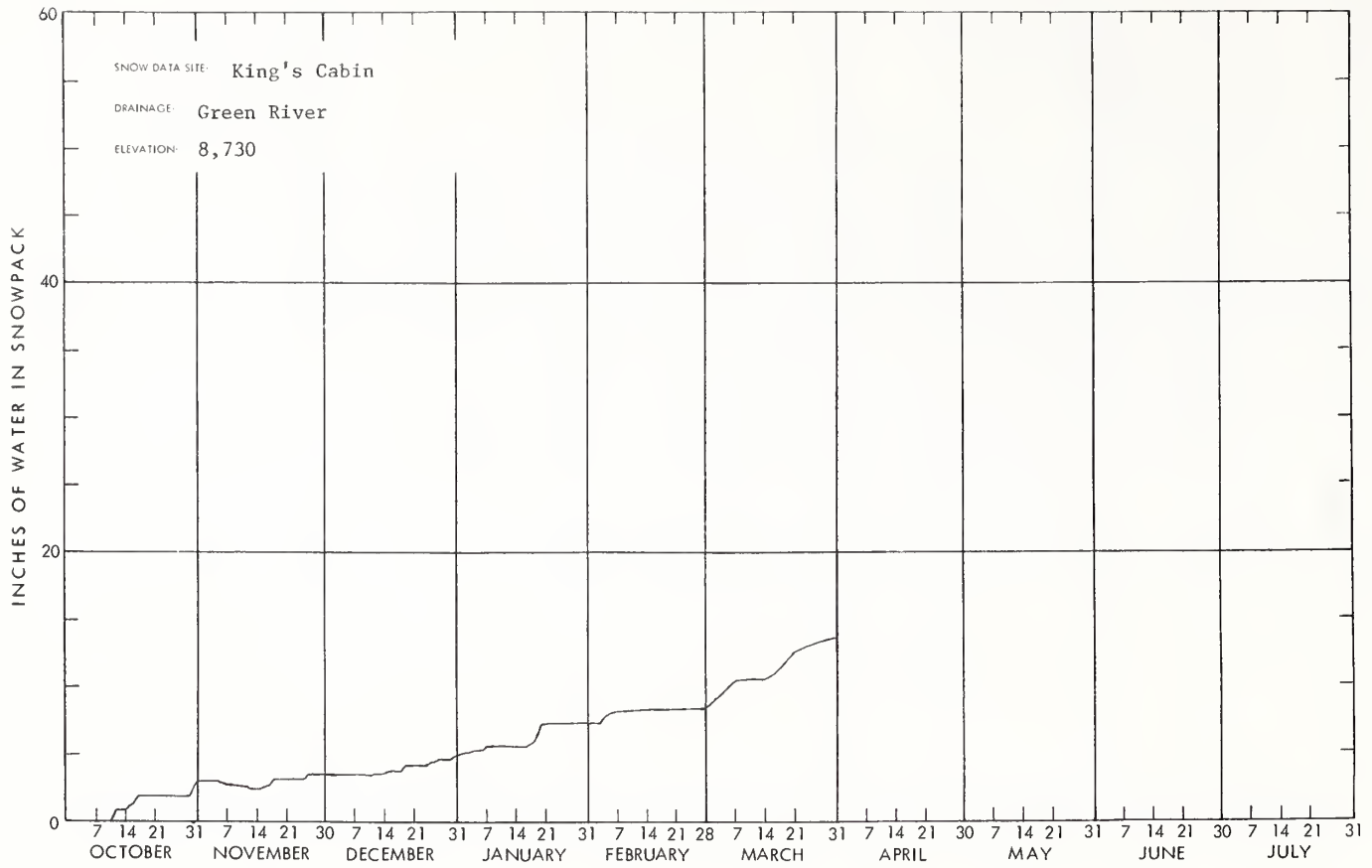


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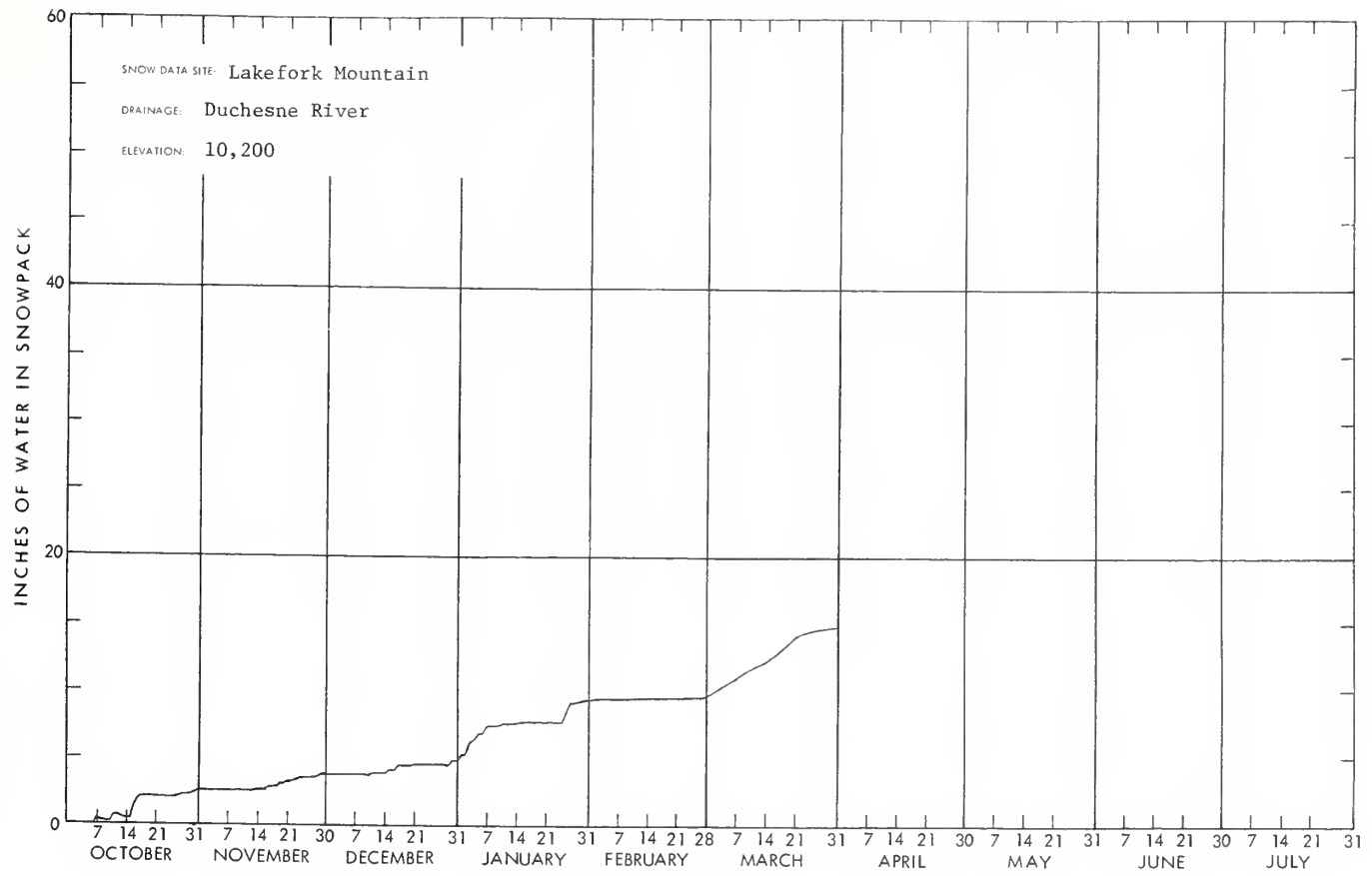


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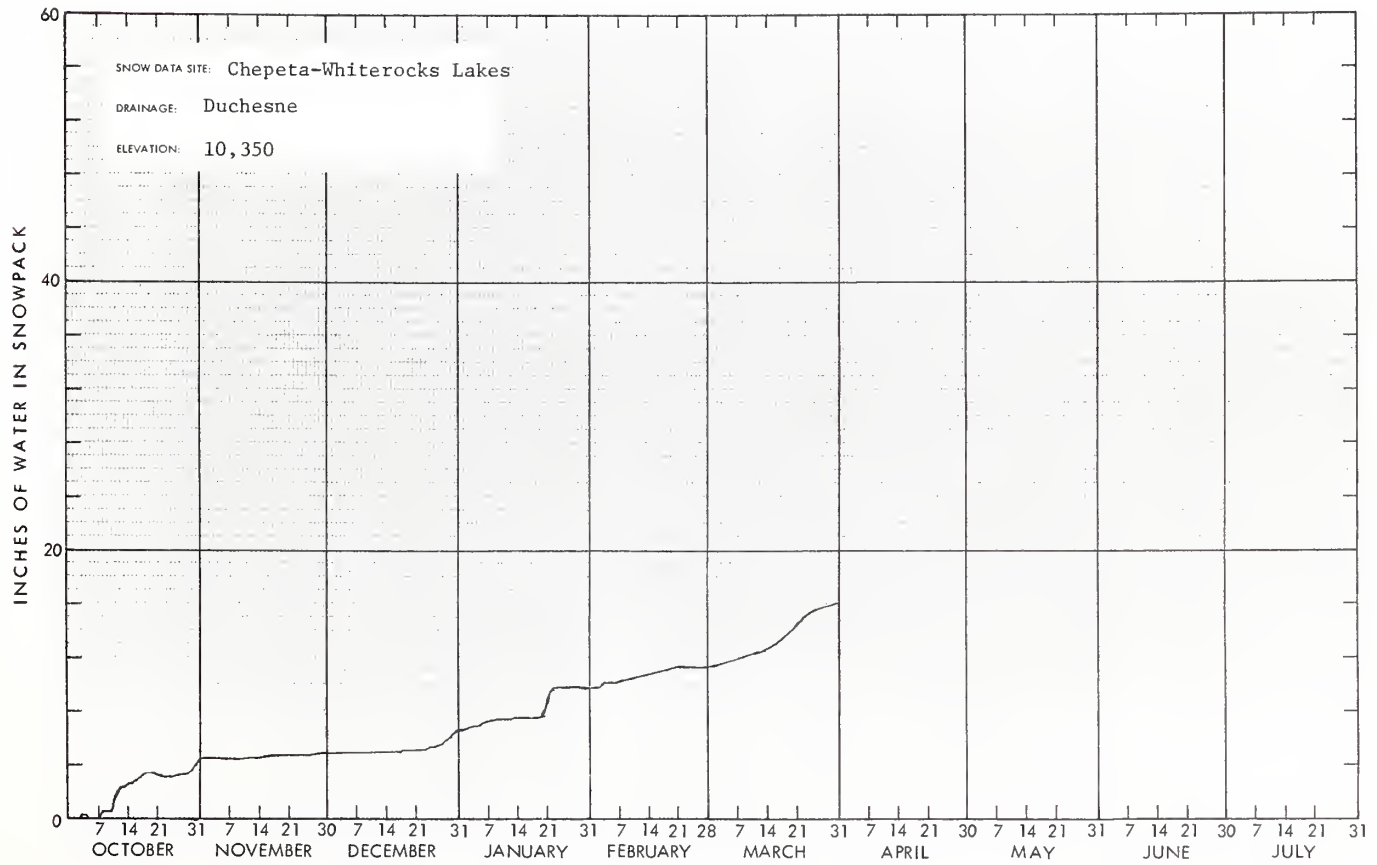


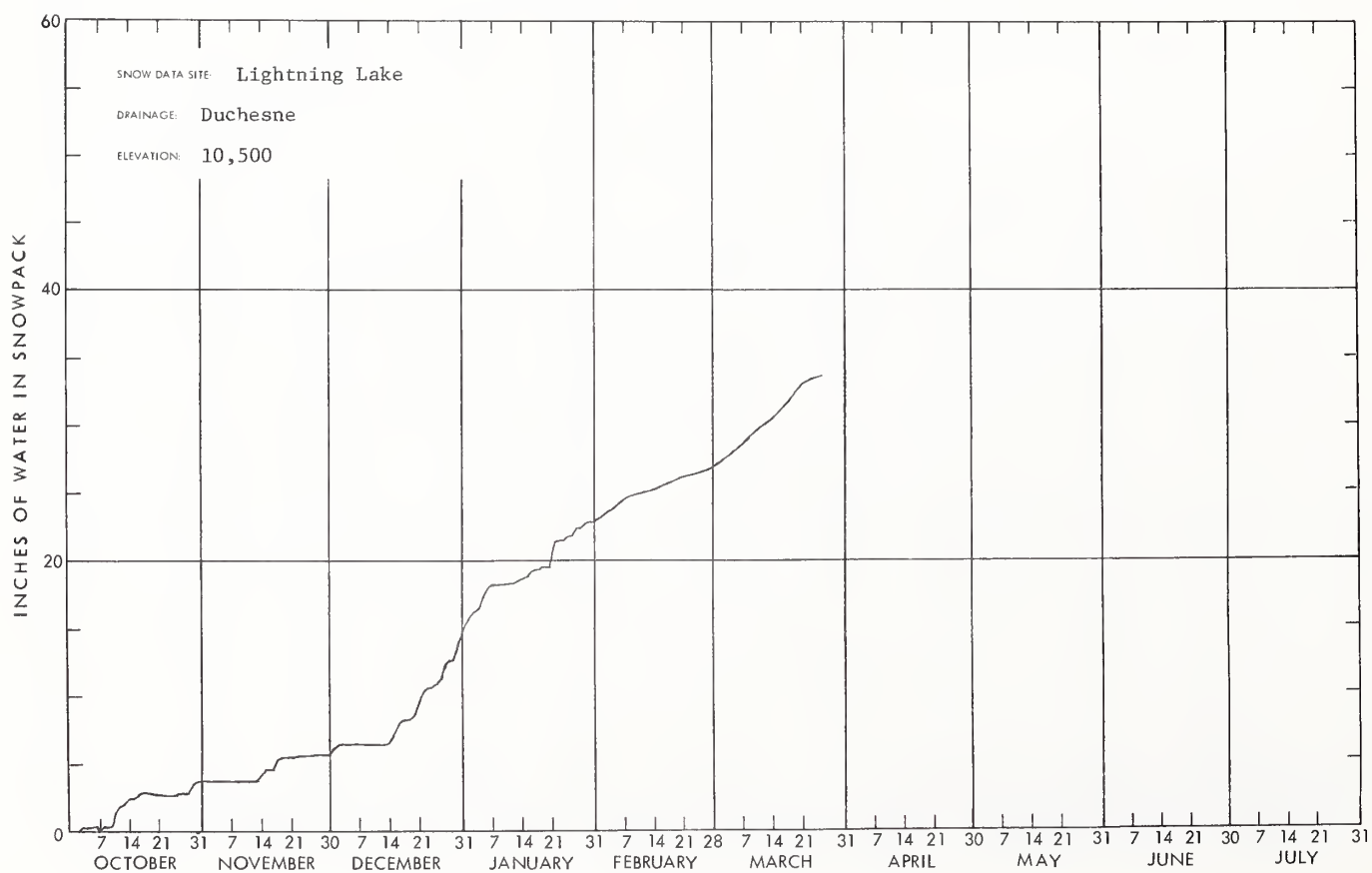
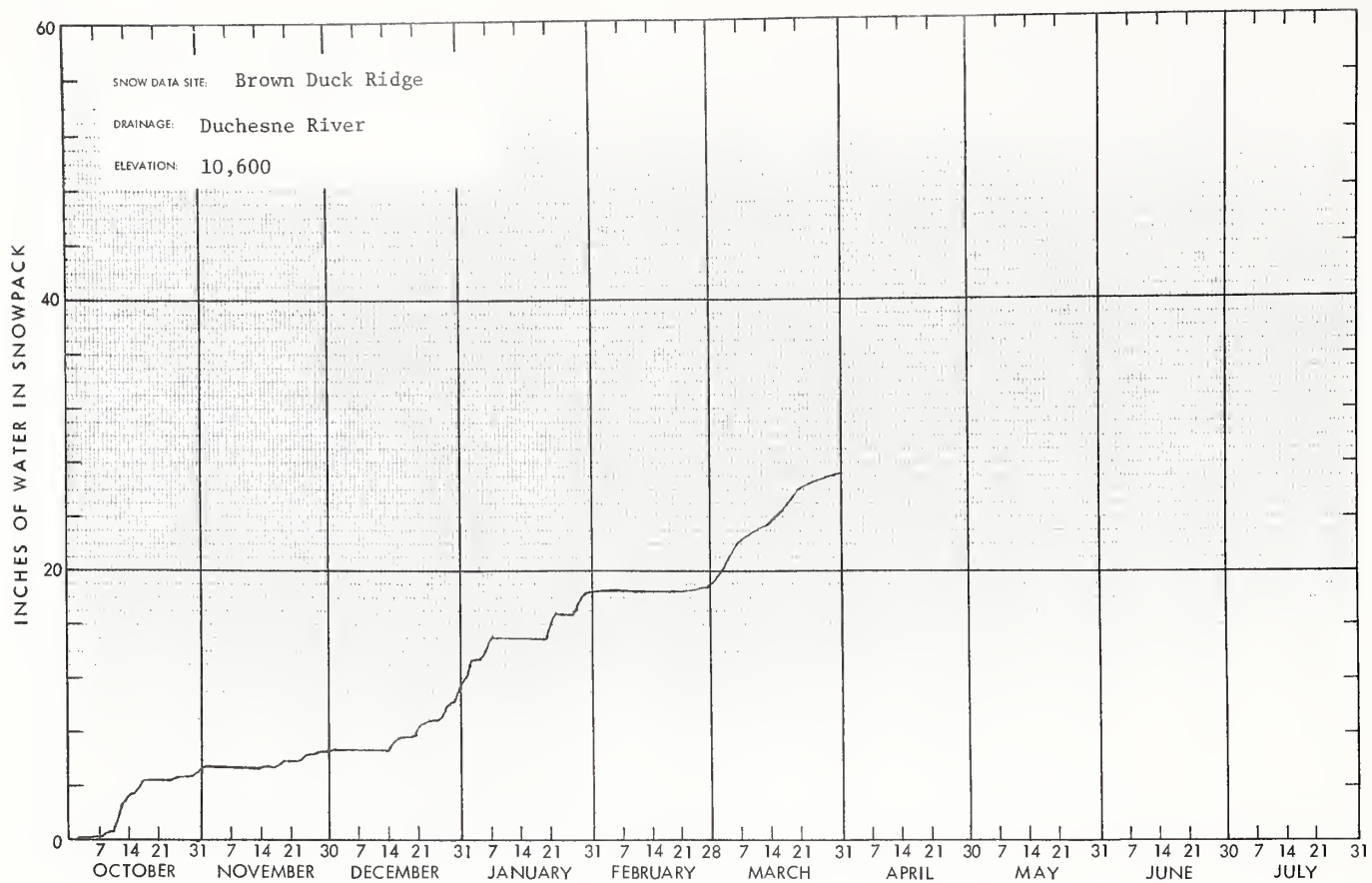


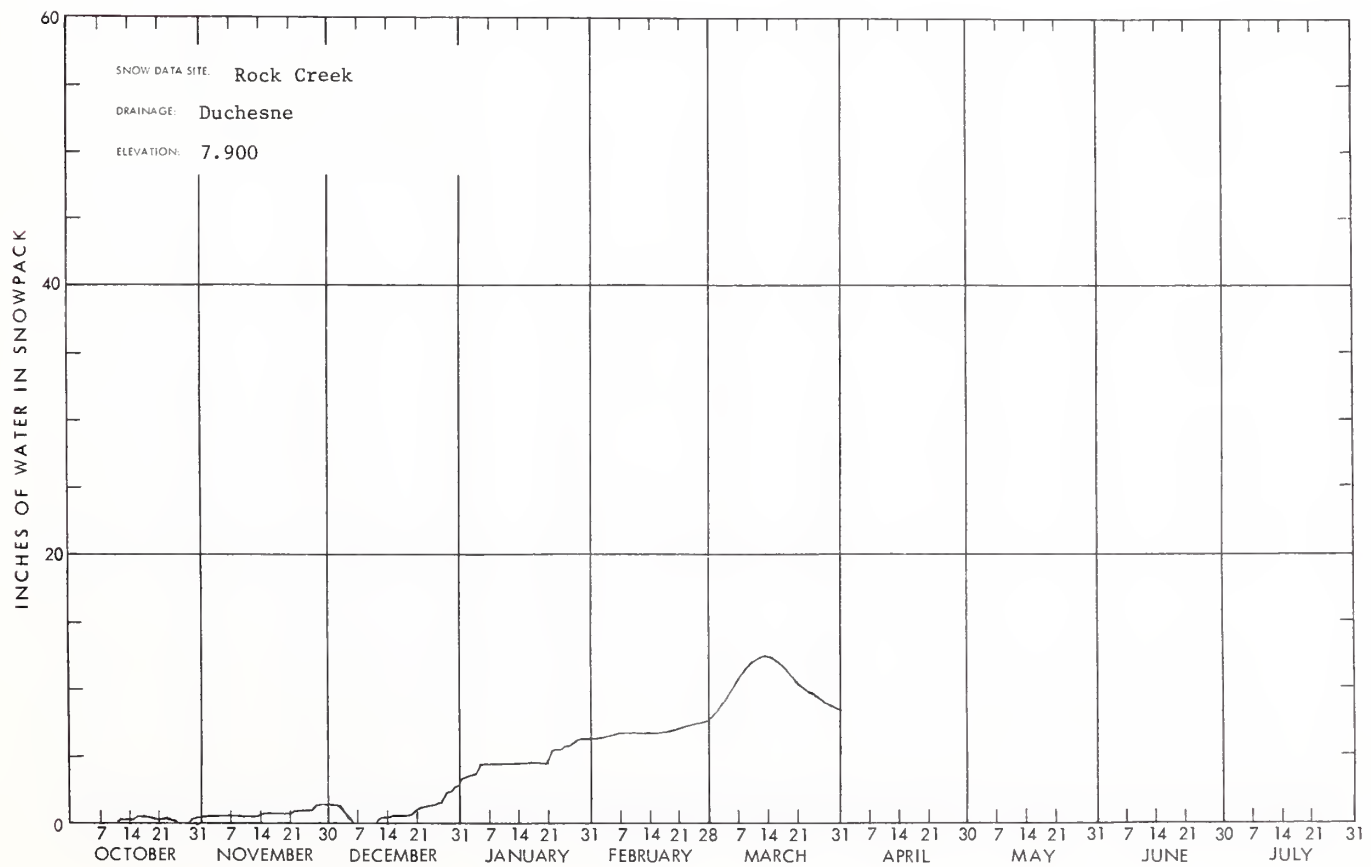
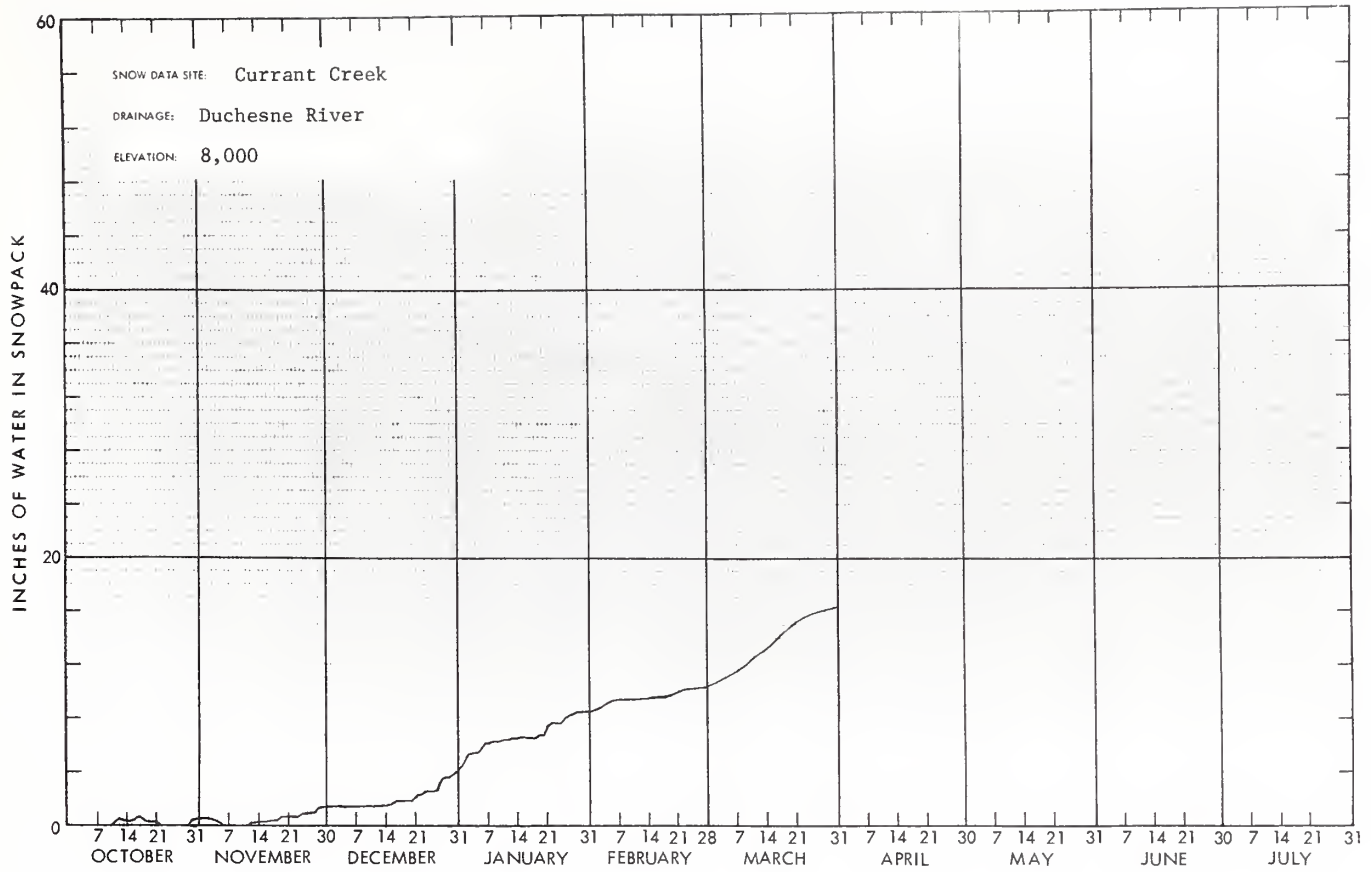
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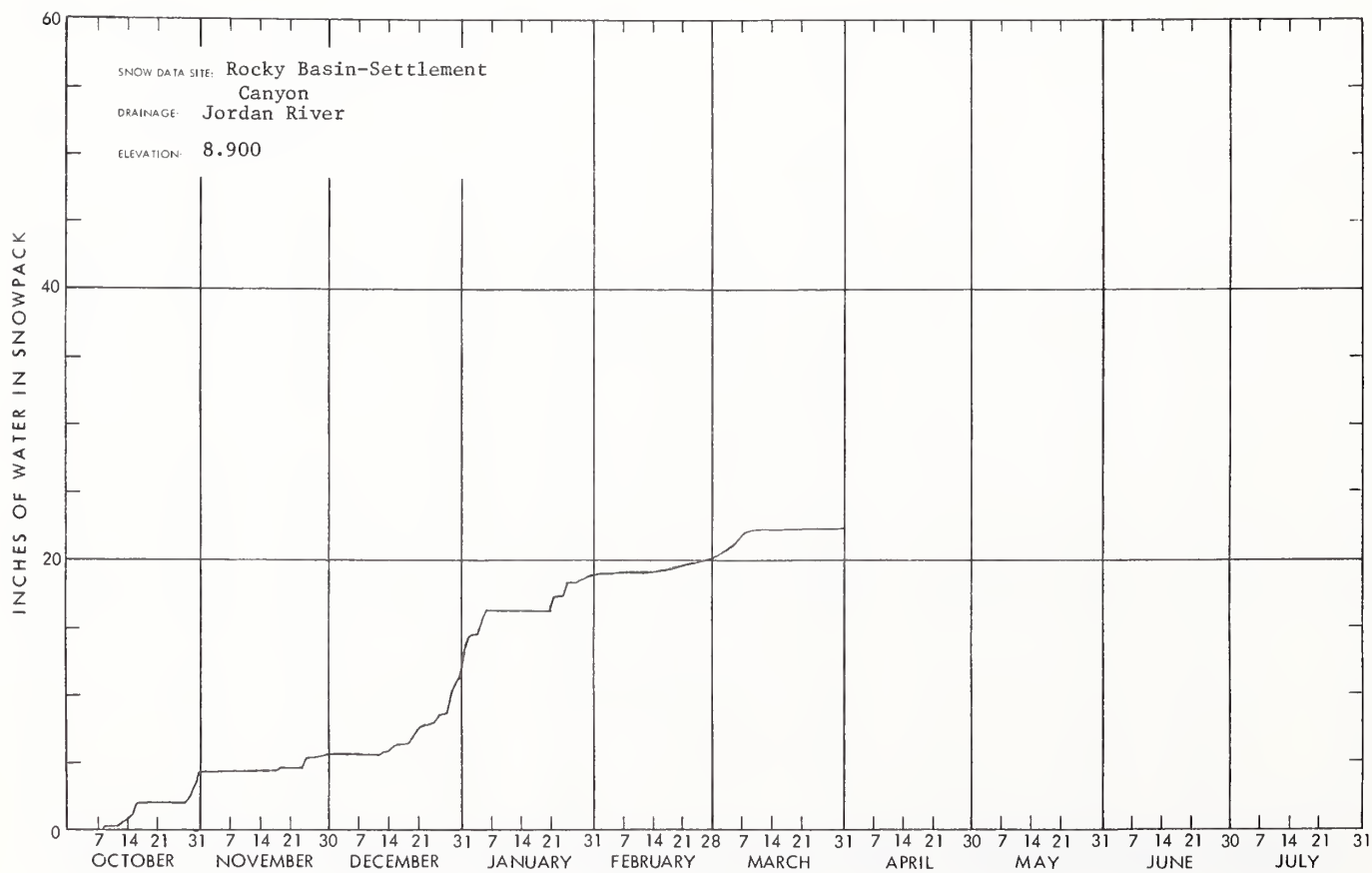
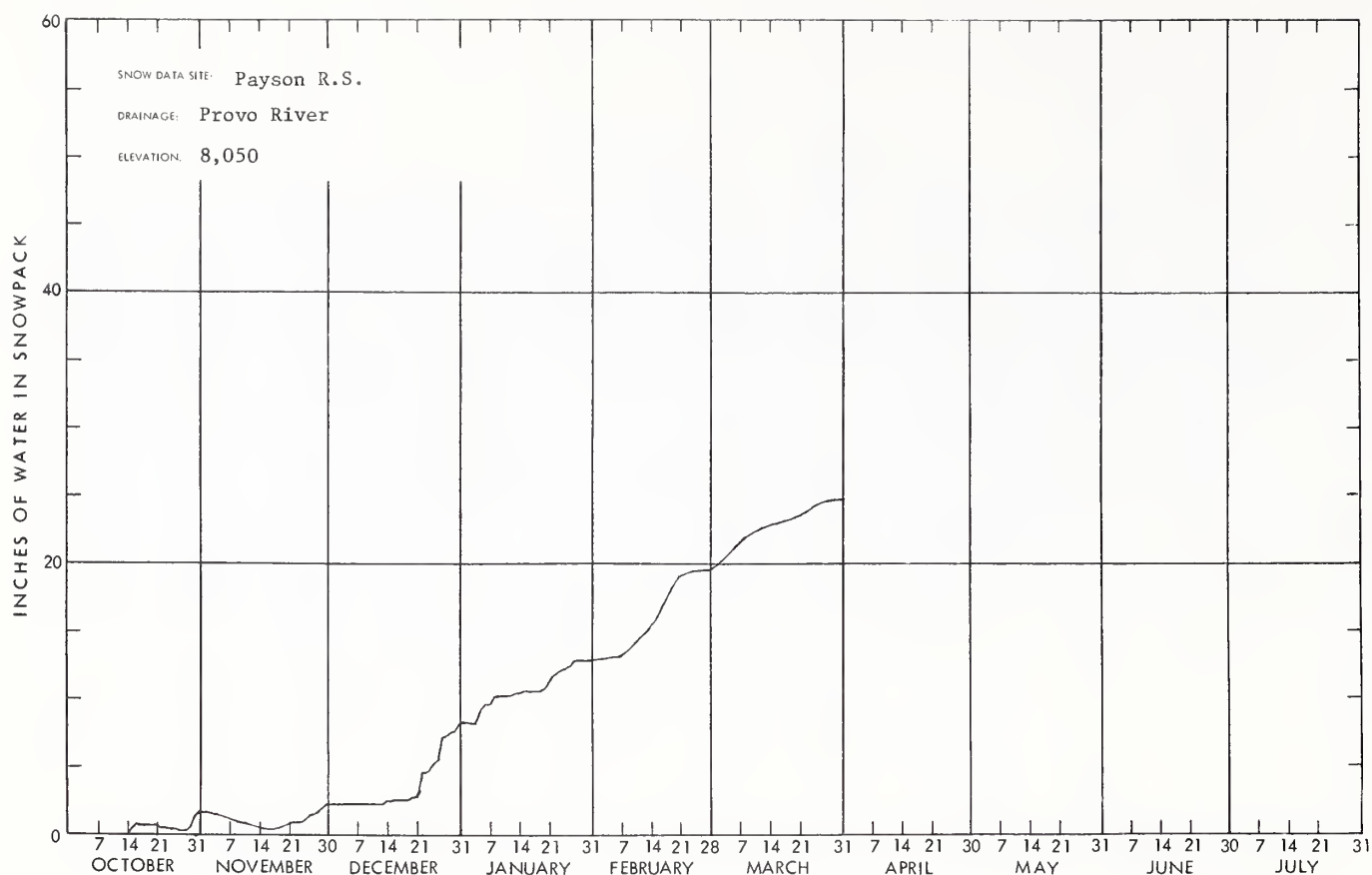


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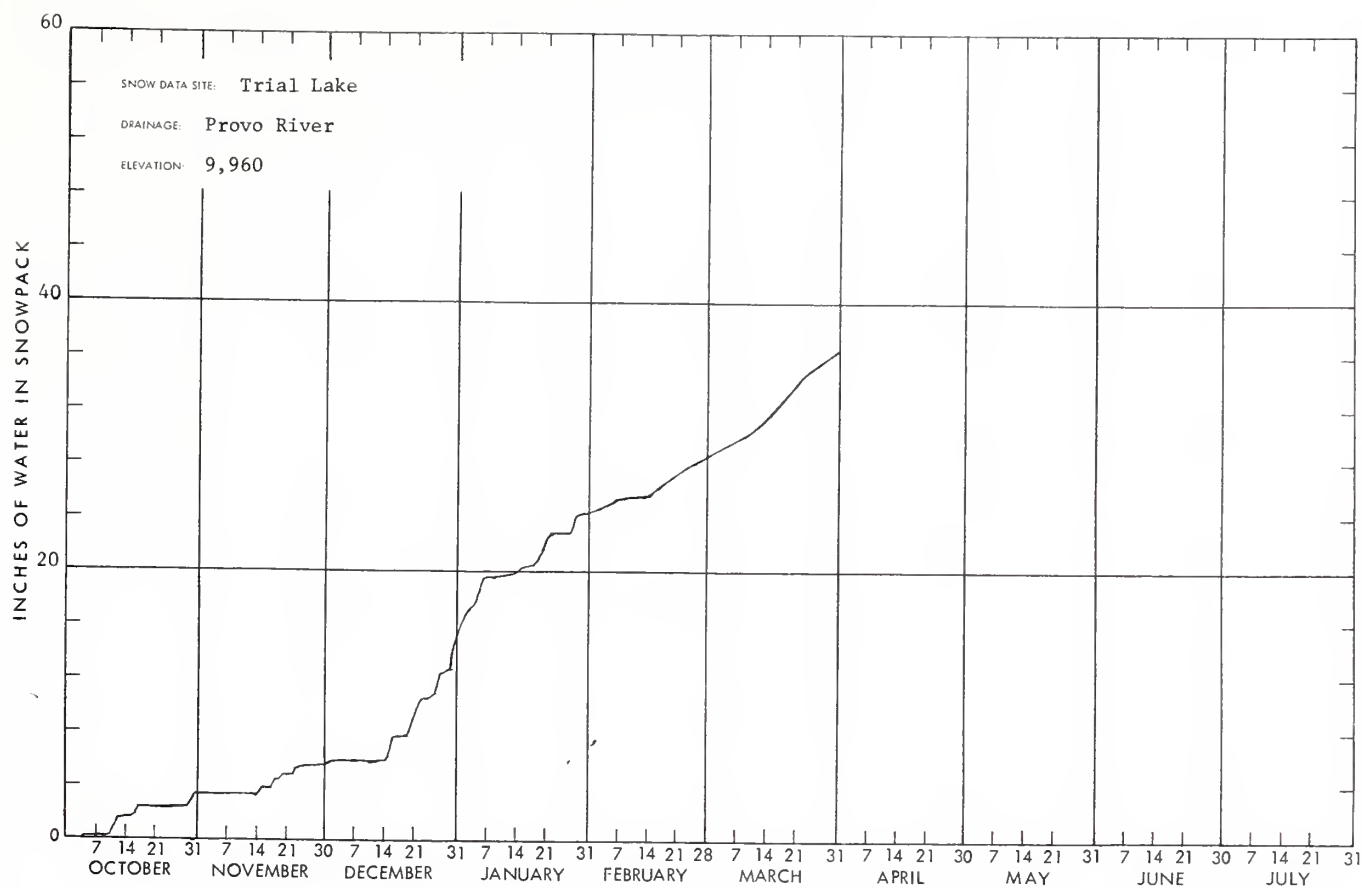




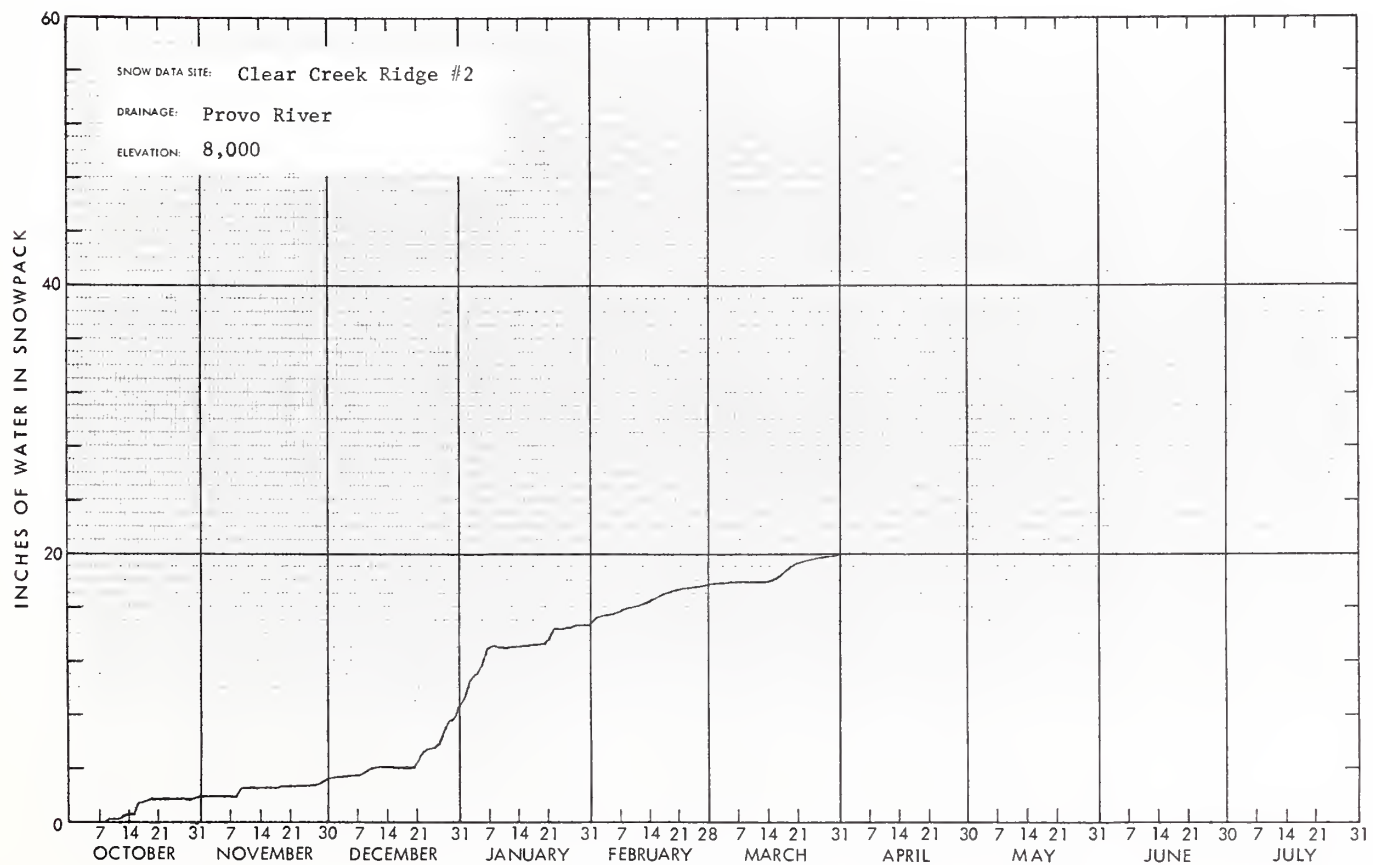


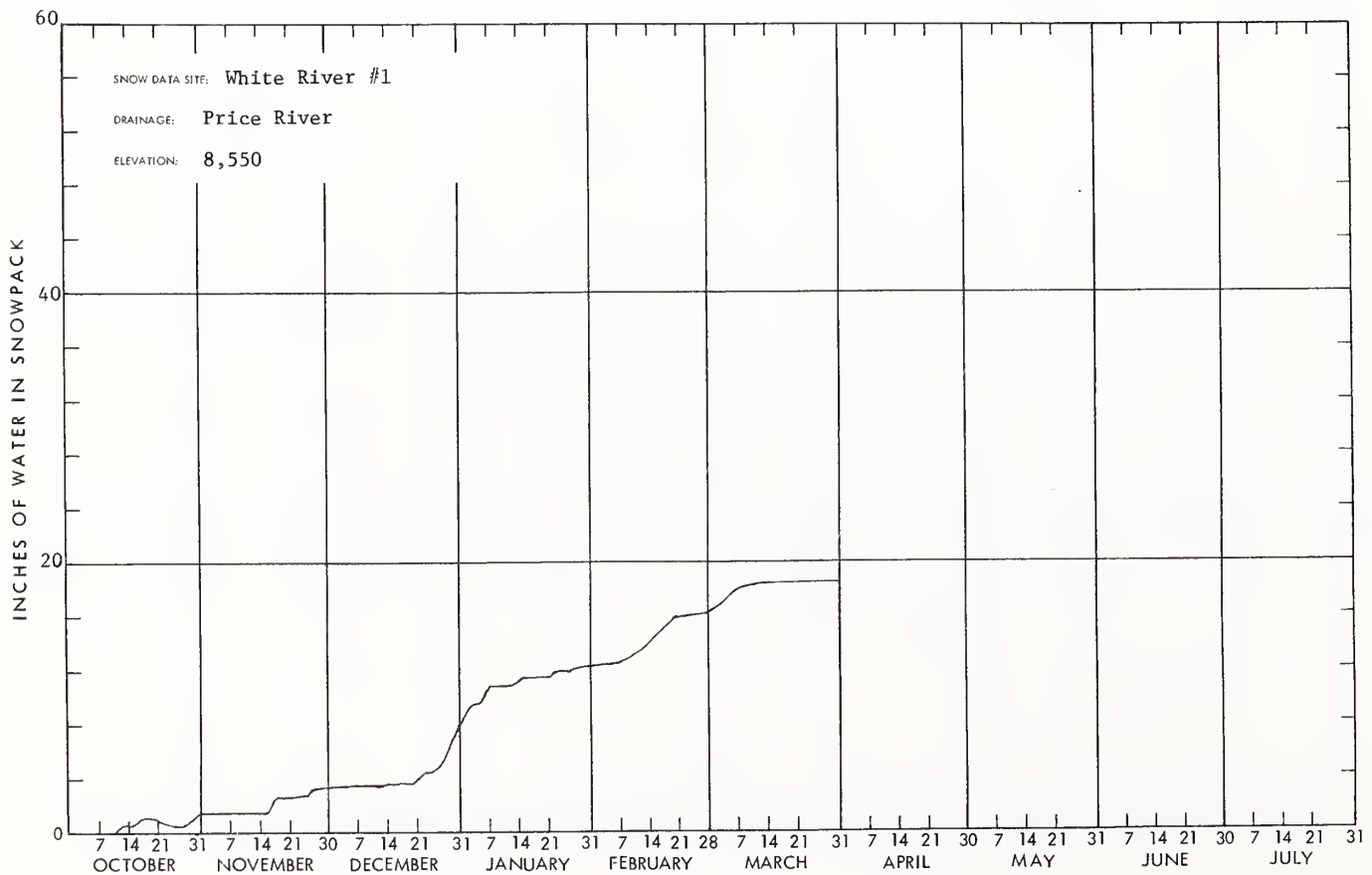
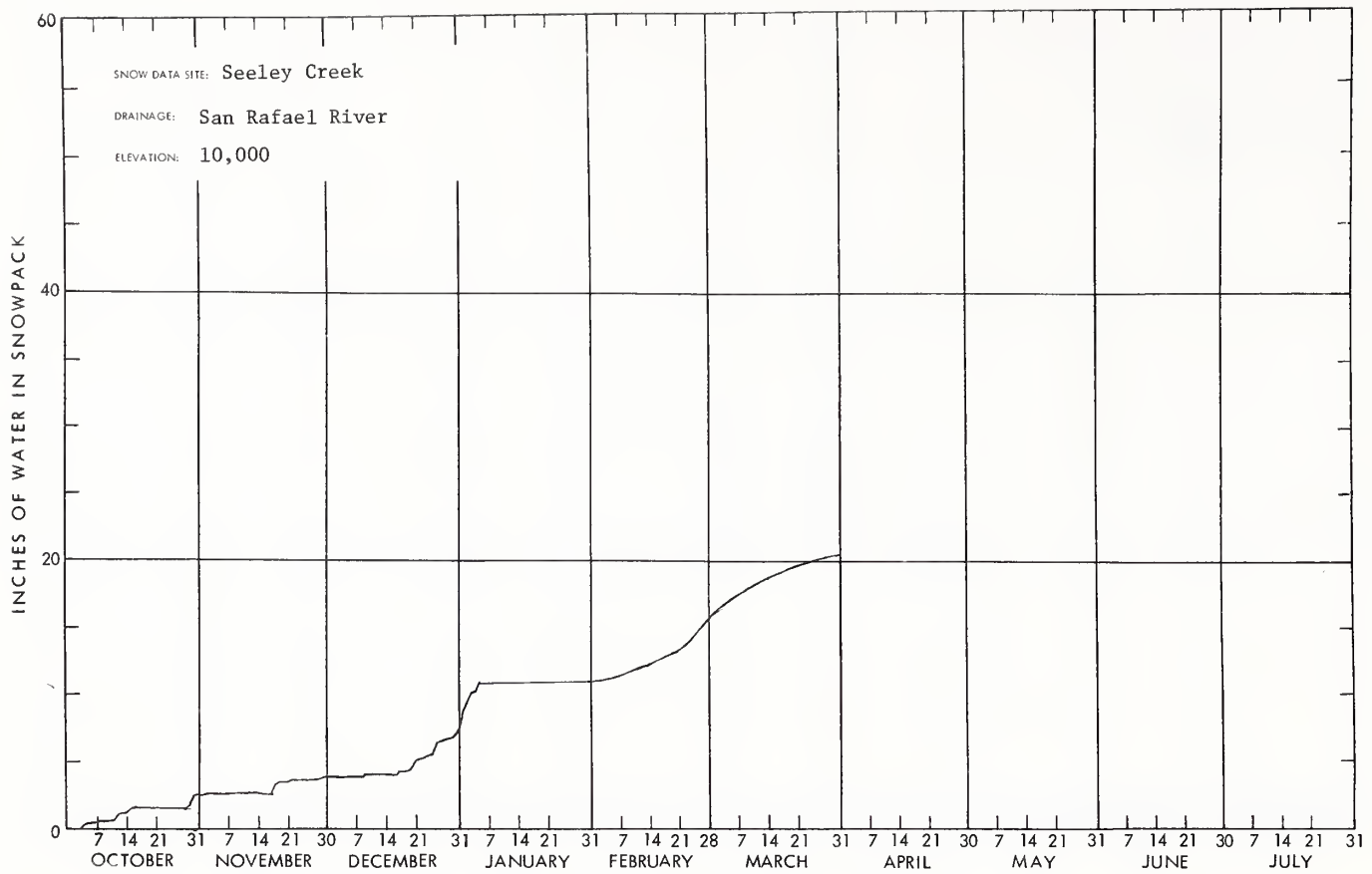


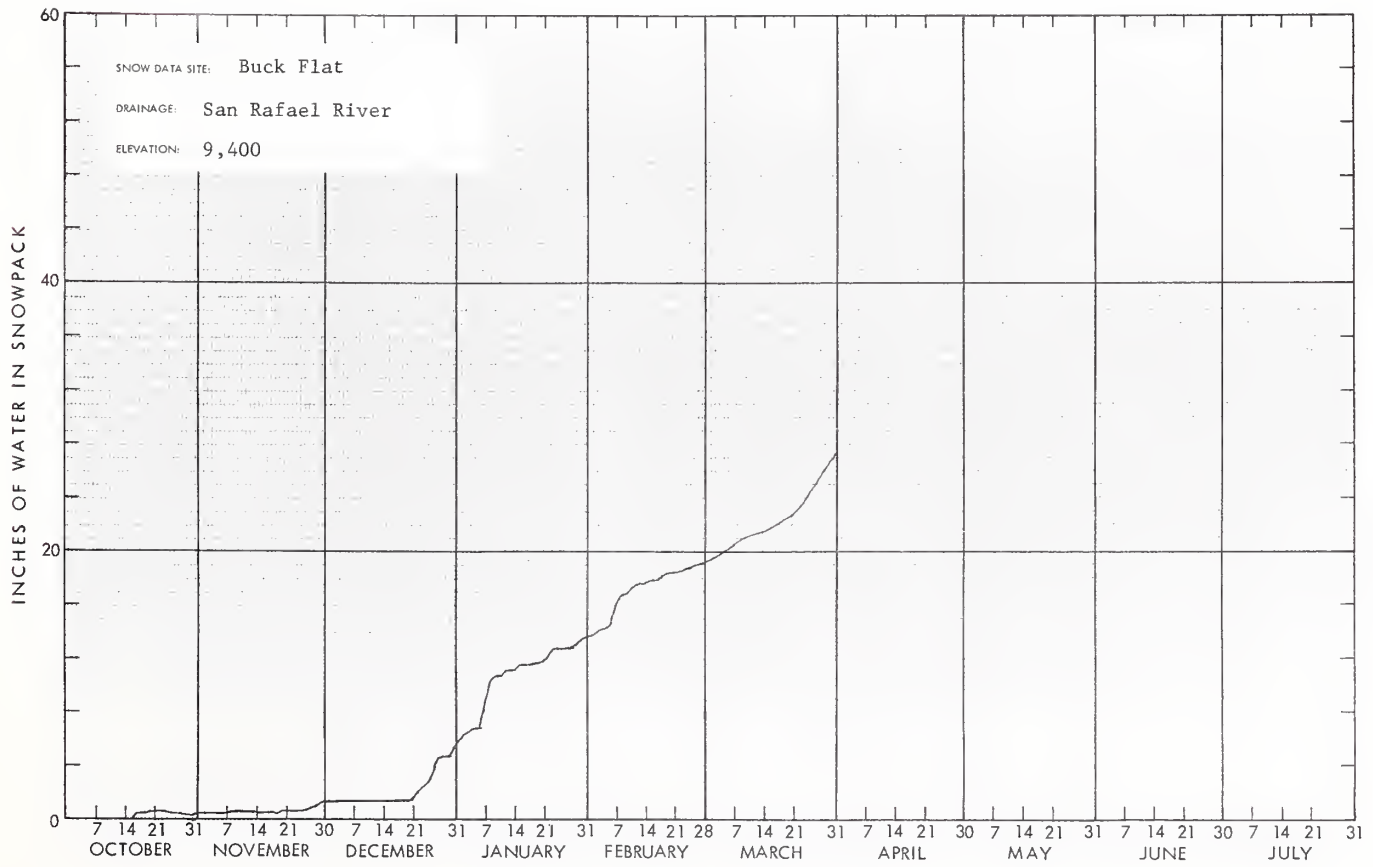
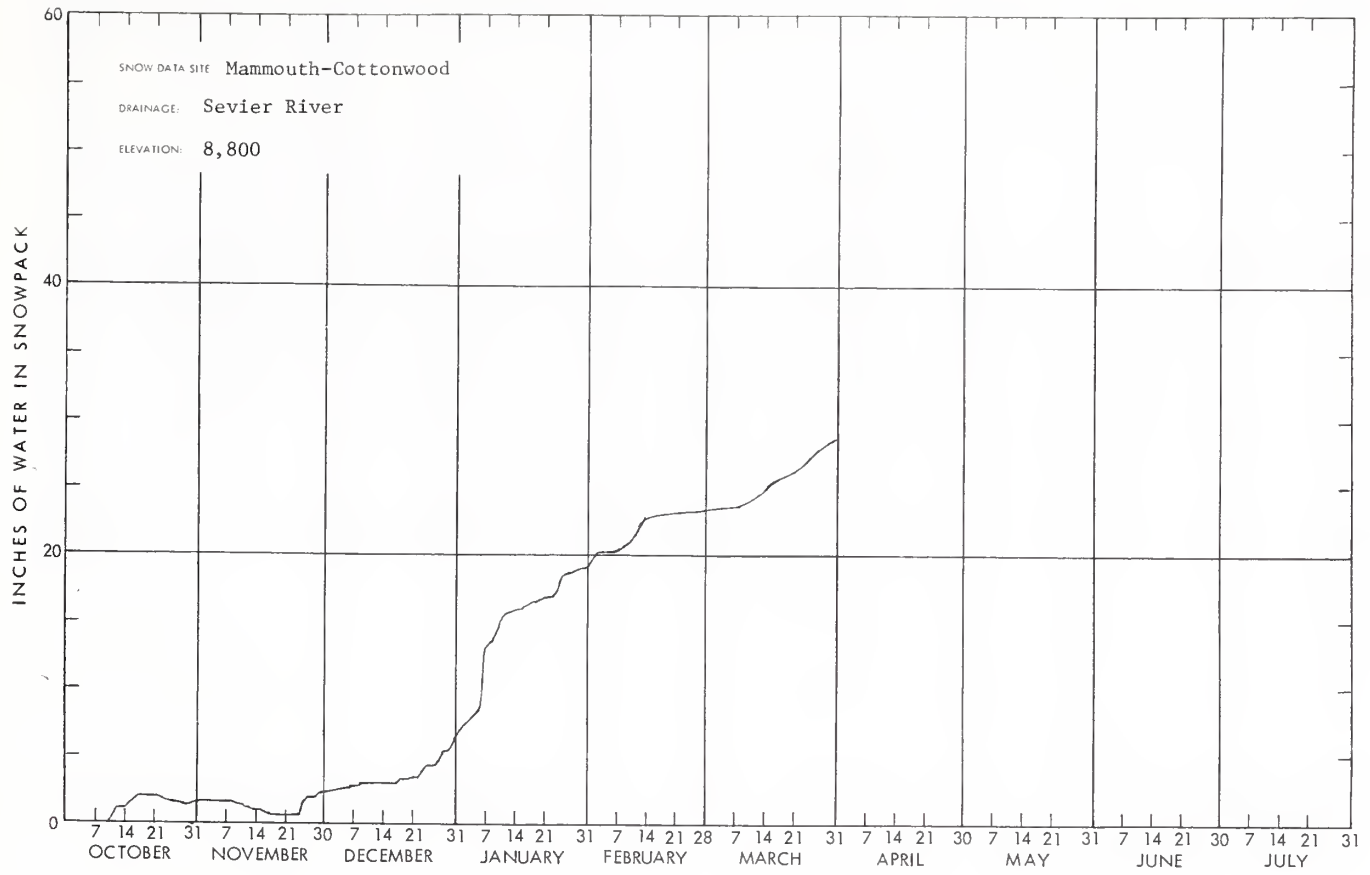
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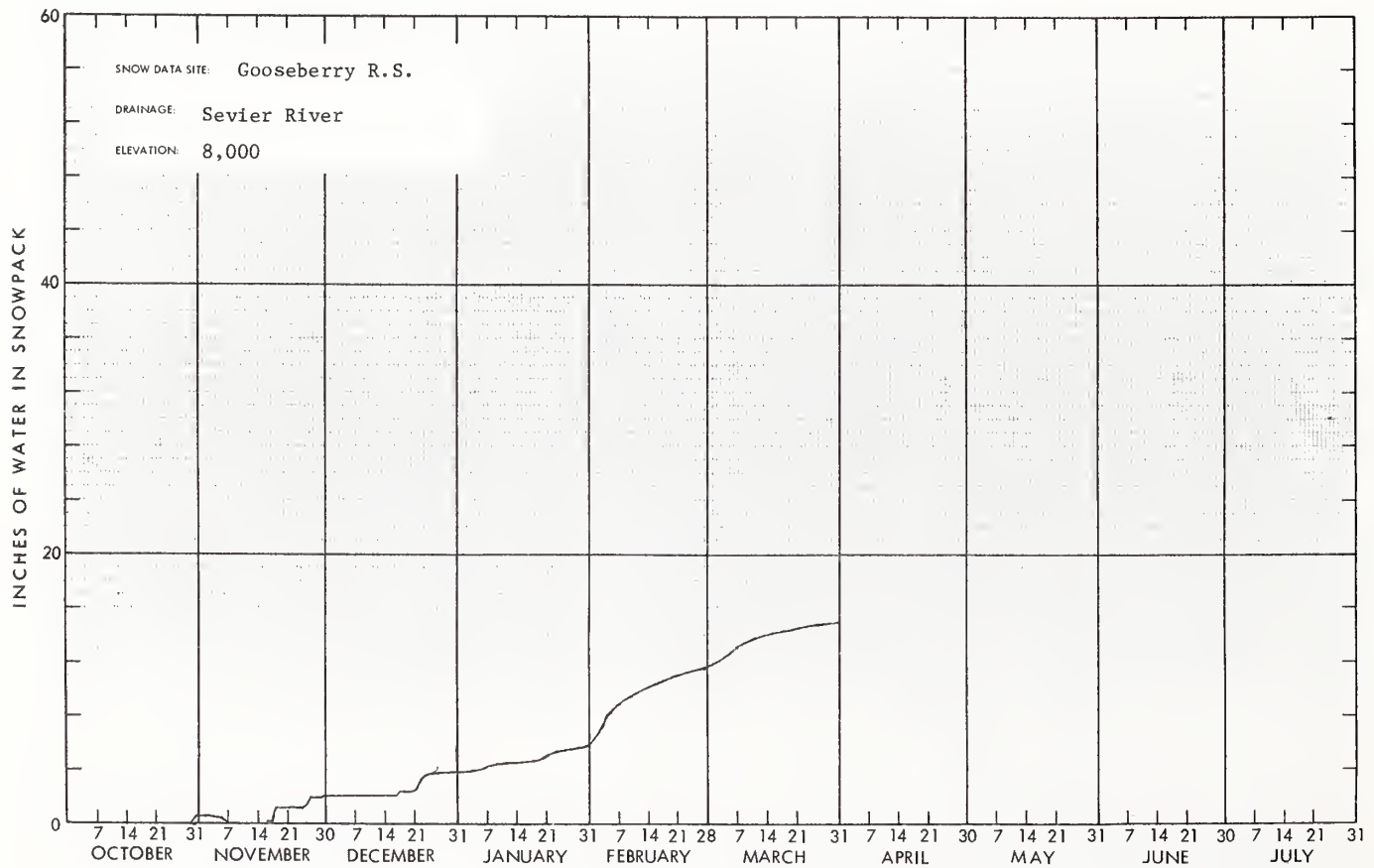
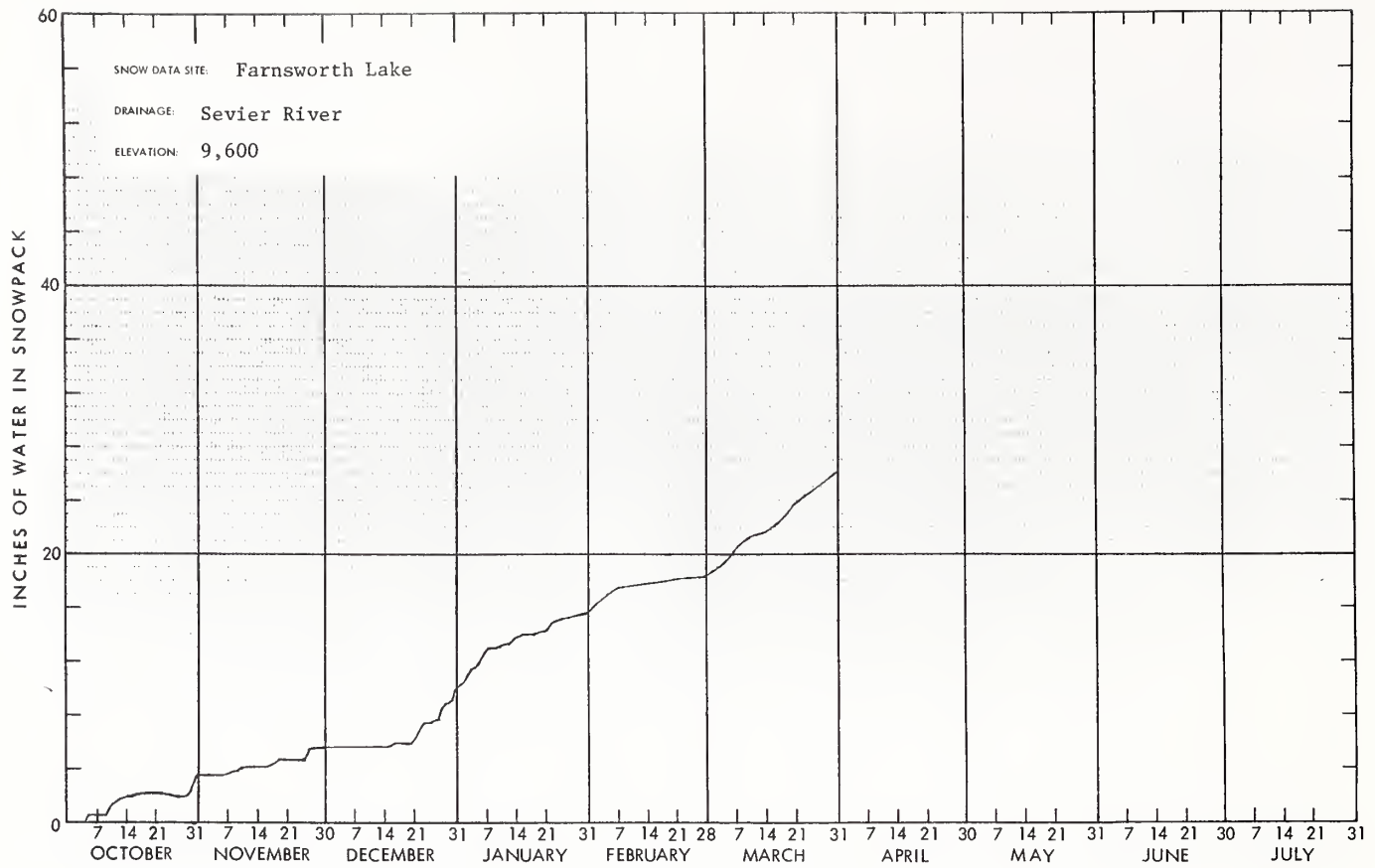


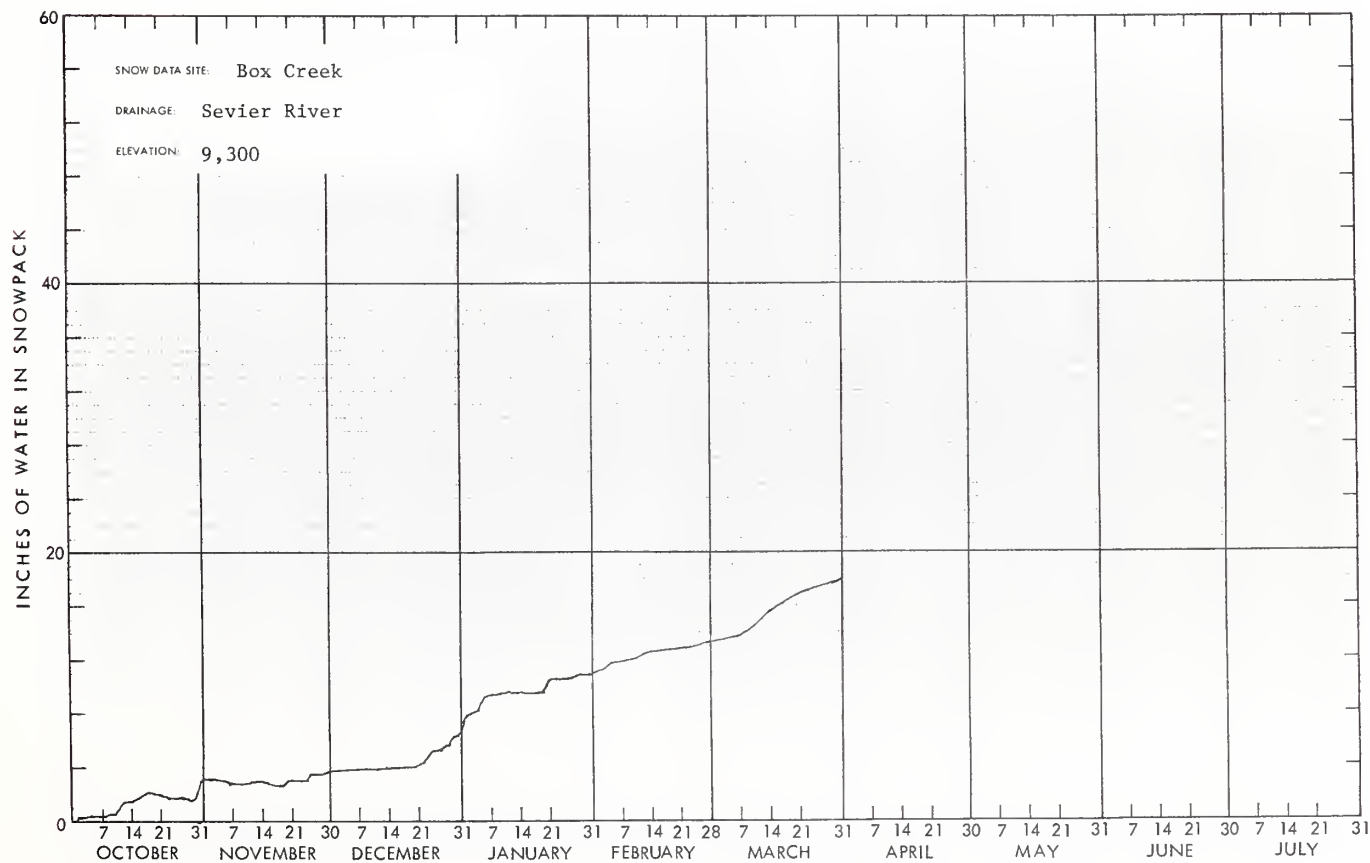
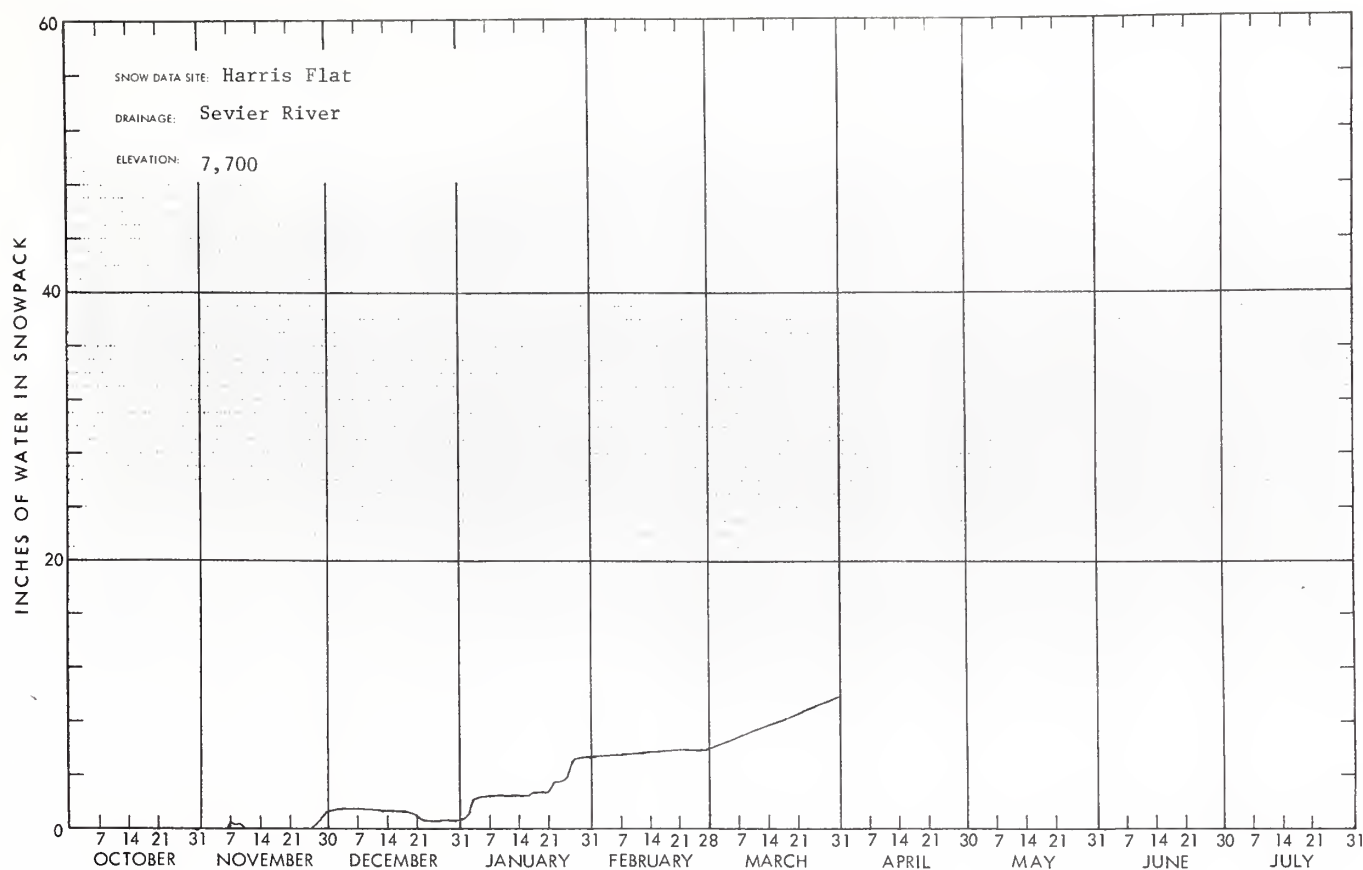
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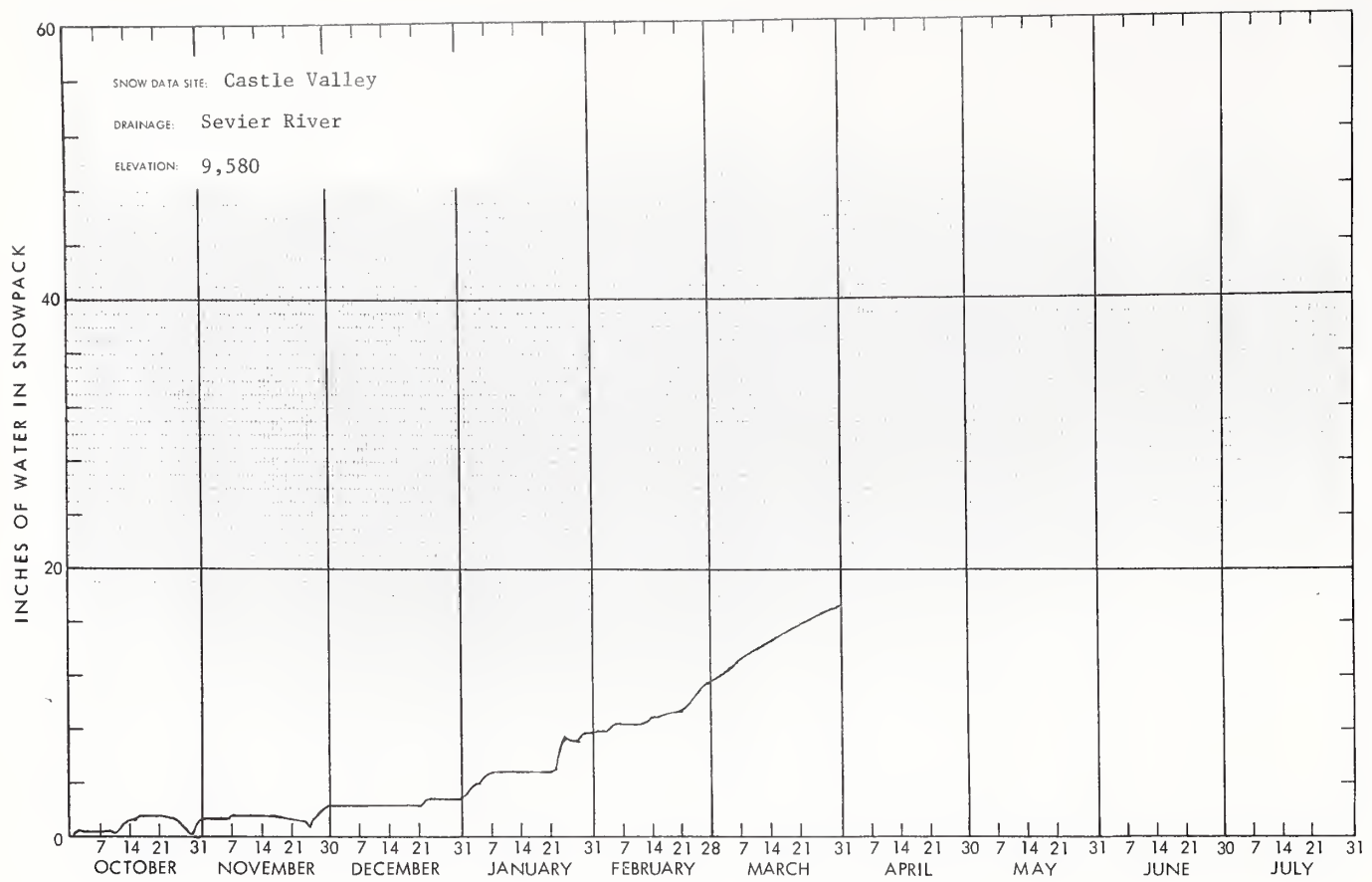




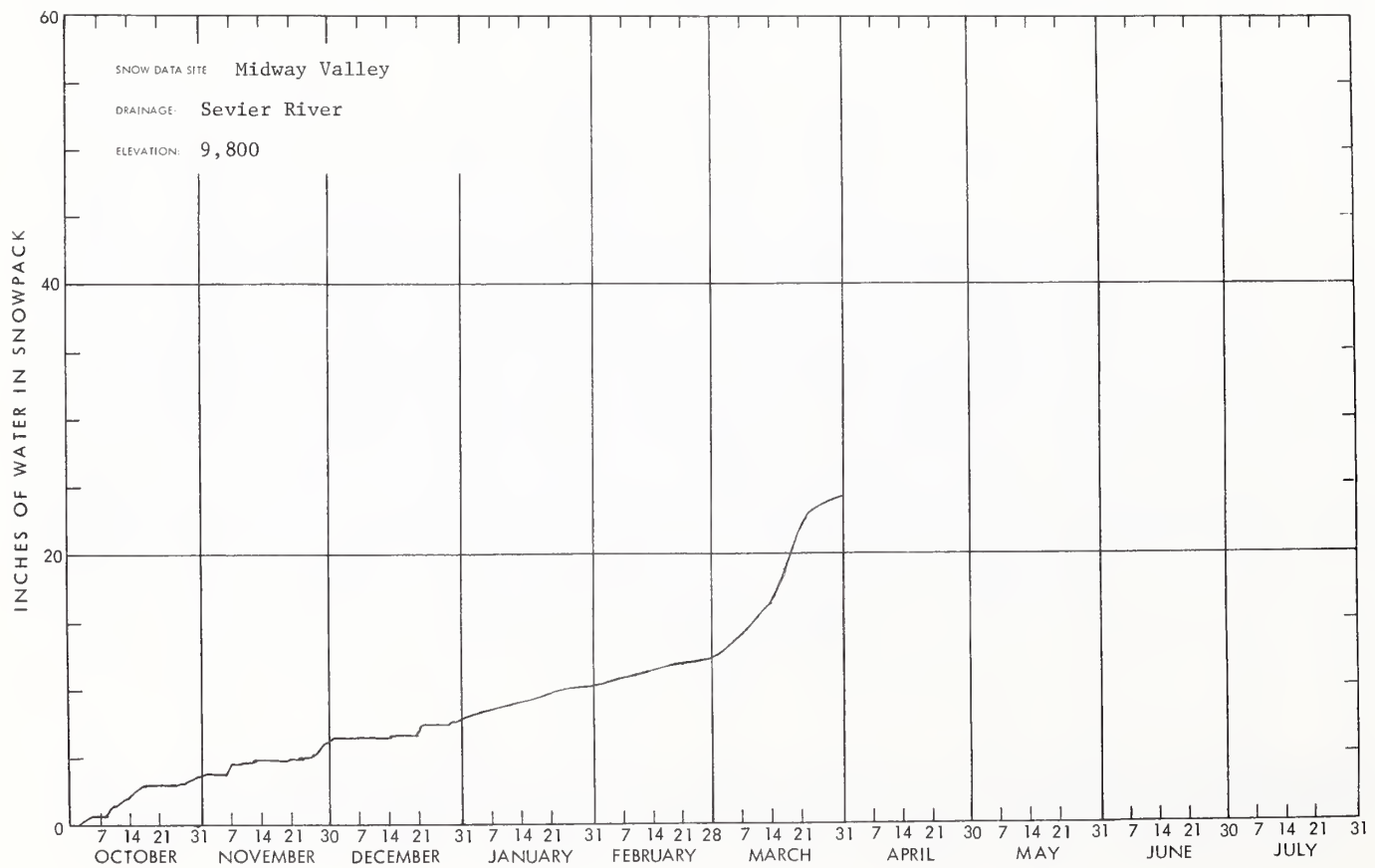


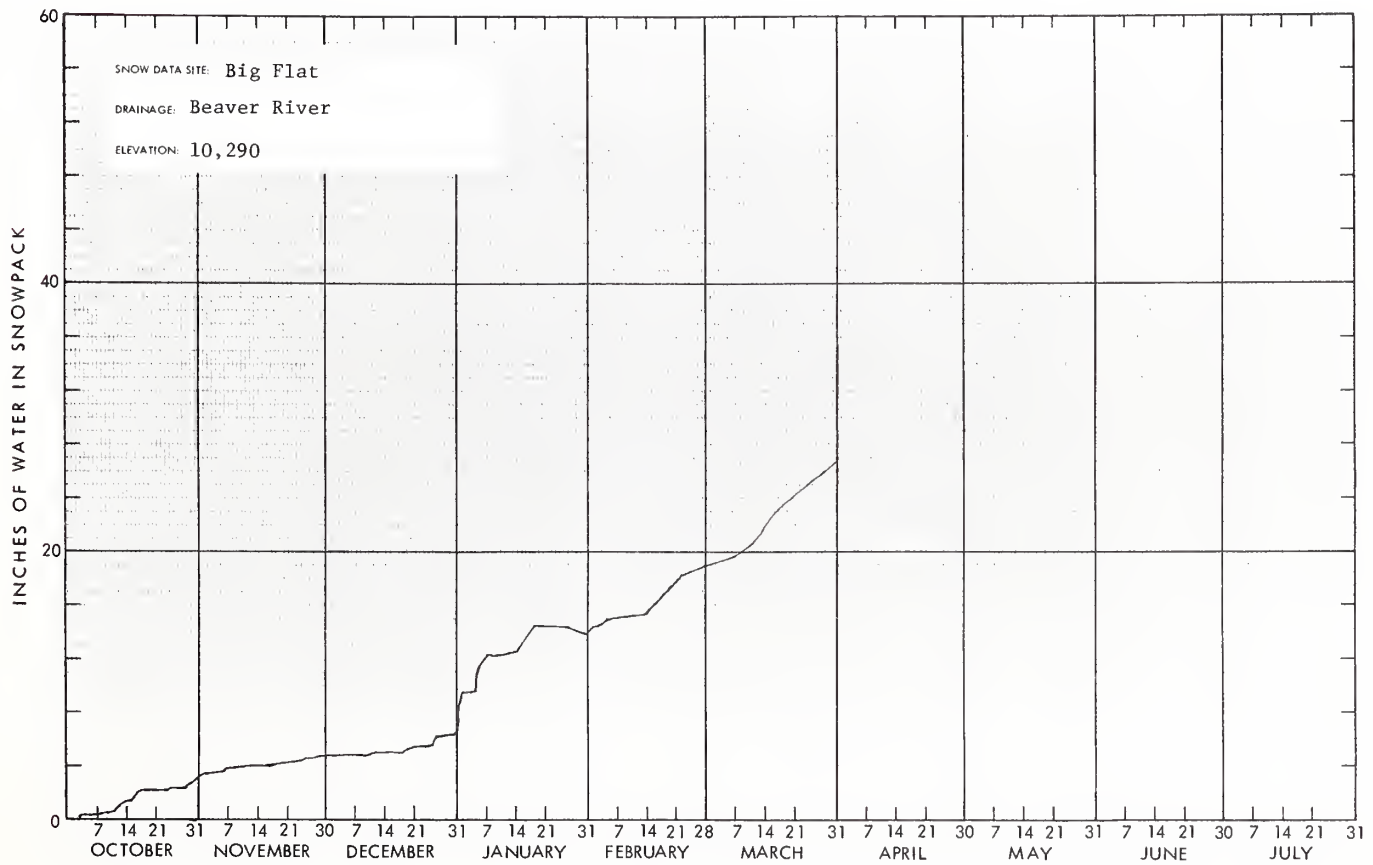
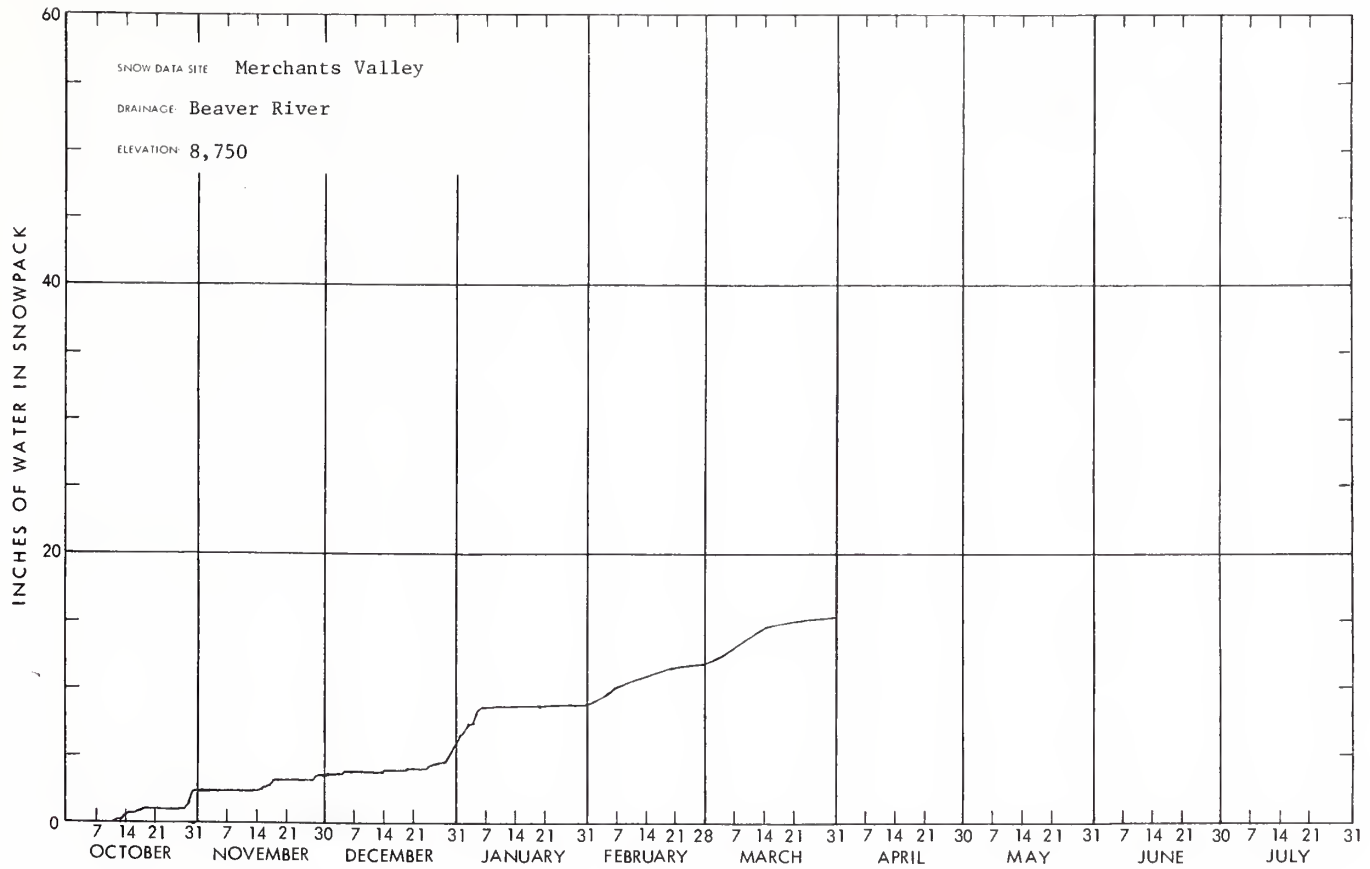


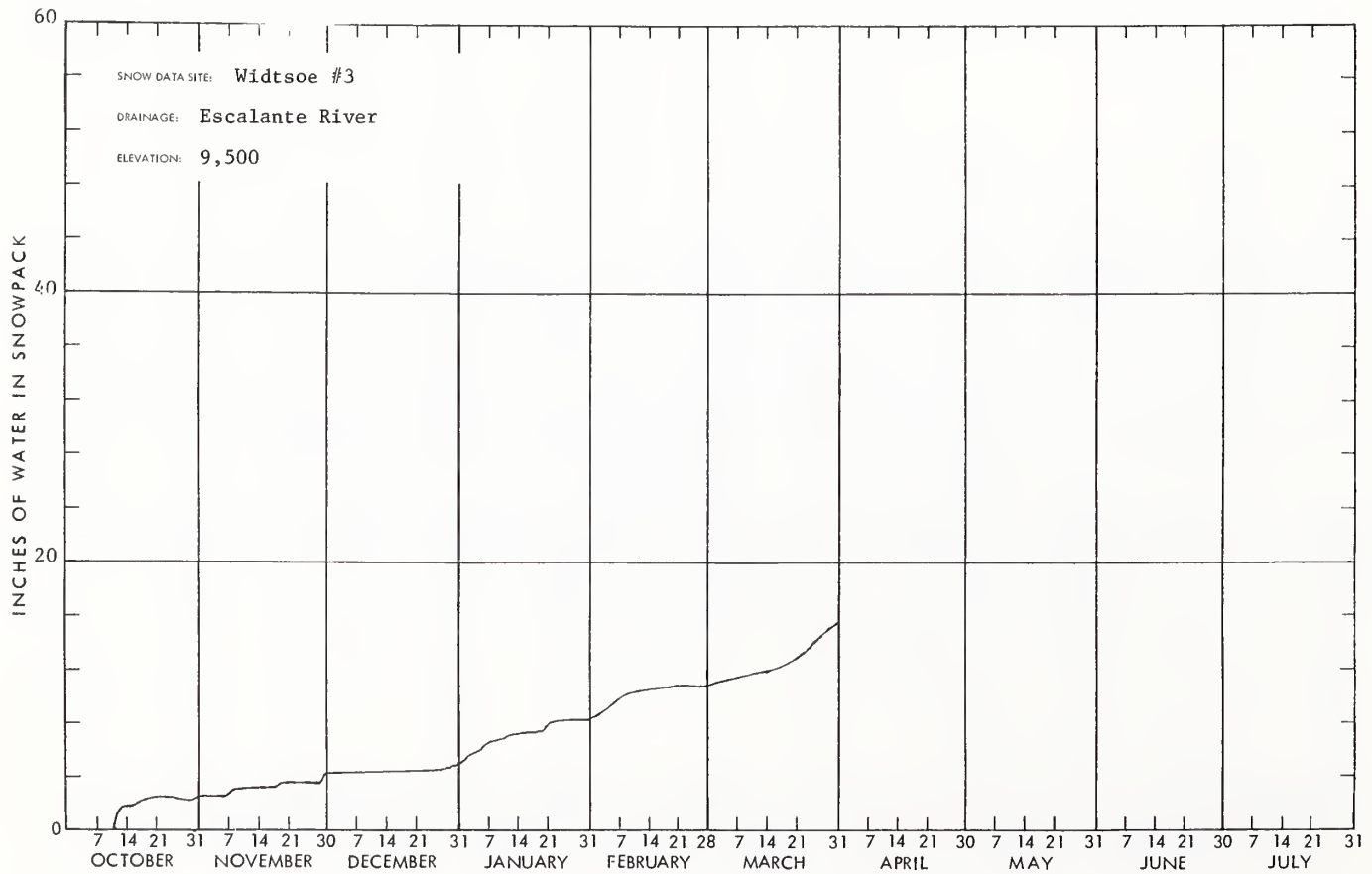
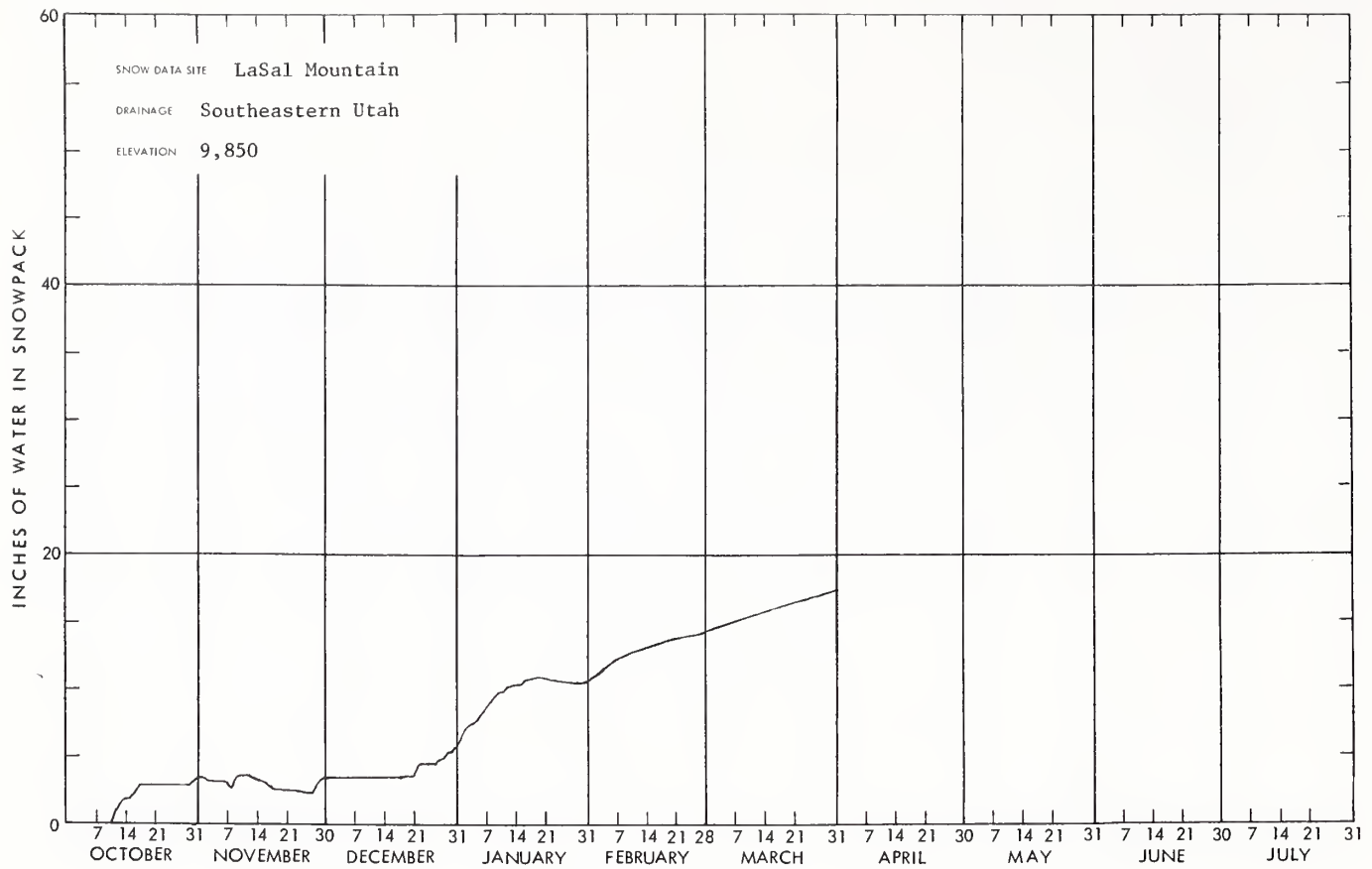


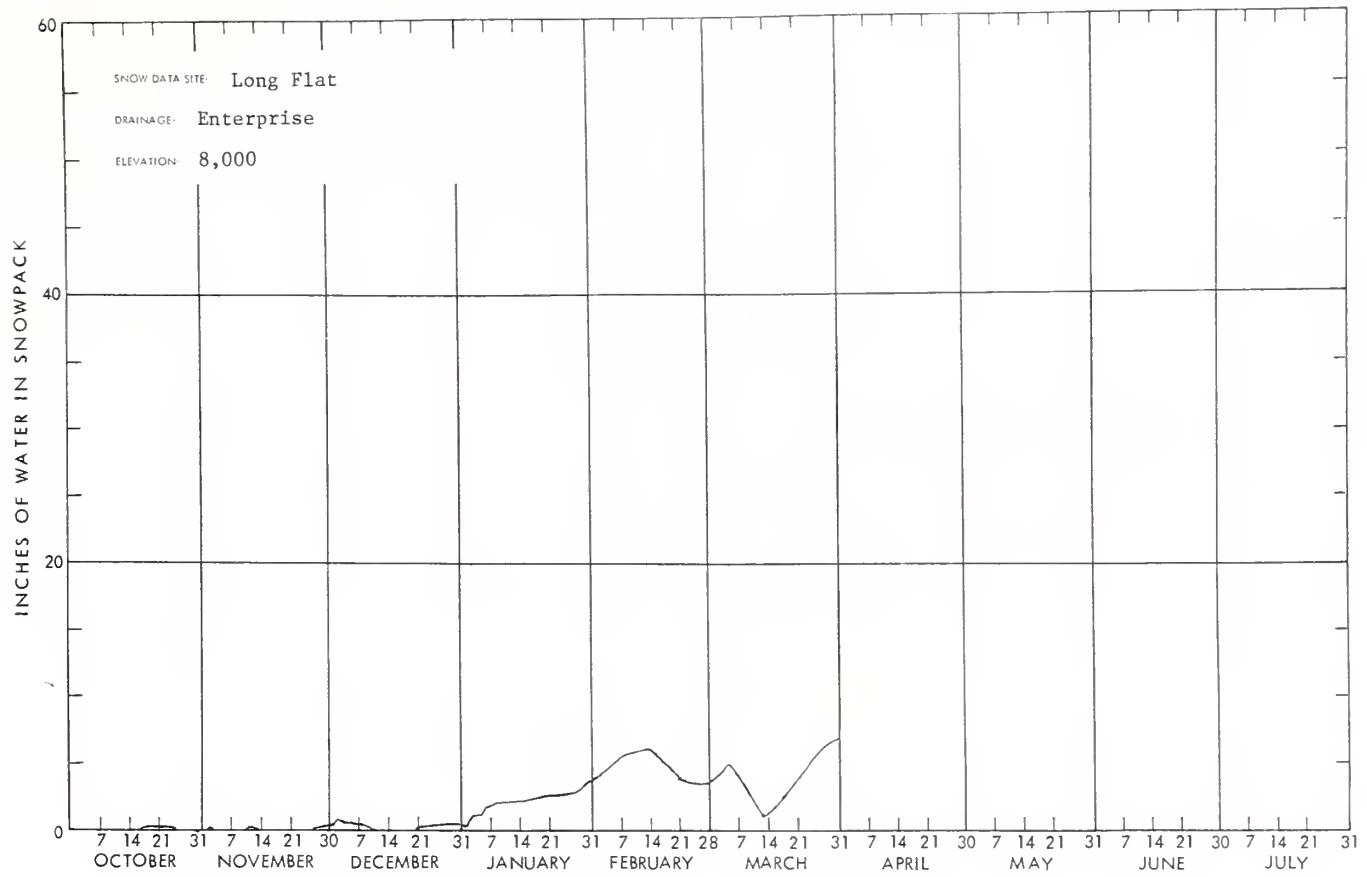


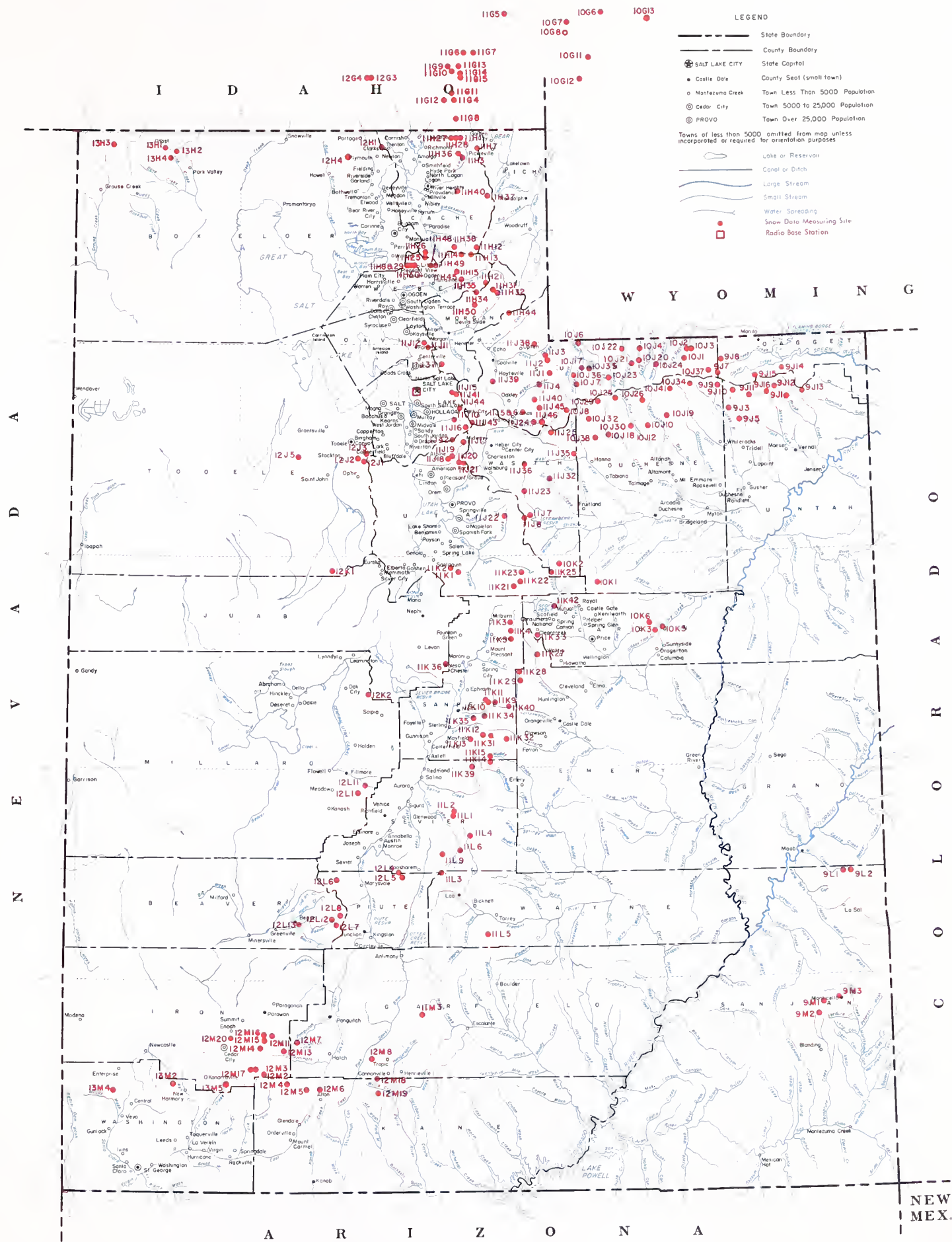
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INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

NO.	STATE	NAME	SEC	TWP.	RGE.	ELEV.	NO.	STATE	NAME	SEC	TWP.	RGE.	ELEV.	NO.	STATE	NAME	SEC	TWP.	RGE.	ELEV.				
UPPER 8EAR RIVER (above Harer, Idaho)																				(continued)				
10G11	W	Big Park	27N	117W	8,700	11J25P	U	U	Sagestone R.S.	9	35	8E	7,800	911PST	U	King's Cabin (upper)	22	15	21E	8,750				
10J16P	U	Burt-Miller Ranch	19	10E	7,900	11J19	U	U	South Fork R.S.	27	45	2E	6,100	10J37P	U	Mingo Park	6	1N	17E	8,750				
10G7	W	CCC Camp x	9	29N	7,500	11J18	U	U	Timpanogos Cave Camp	24	45	2E	5,500	10J2	U	Middle Beaver Creek	31	3N	16E	8,650				
10J1036p	U	Gald Hill	15	11N	9E	10,000	11J21PST	U	U	Timpanogos Divide	33	45	3E	8,140	910aP	U	Reynolds Park	9	15	18E	10,400			
10J1075P	U	Hayden Fork	25	11N	9E	9,400	10J8PST	U	U	Triol Lake	5	25	9E	9,960	9J7P	U	Spirit Lake	10	1N	17E	10,300			
10G12	W	Kelly Ranch Station	13	26N	8,200									10J20PST	U	Steel Creek Park	17	2N	13E	10,100				
10J35p	U	Lily Lake	34	8N	7,600									916PST	U	Trout Creek	9	15	20E	9,400				
10J12PST	U	Monte Cristo R.S.	30	11N	8,500									912op	U	Windy Park	2	15	20E	9,400				
10G1036P	W	Monte Cristo R.S.	29	30N	8,500																			
10G68P	W	Salt River Summit x	32	29N	7,900																			
10J1036P	W	Snyder Basin x	15	29N	8,400																			
10J107P	U	Stillwater Camp	32	29N	8,550																			
LOWER BEAR RIVER (below Harer, Idaho)																				DUCHESNE RIVER				
11H37ePST	U	Bug Lake	18	11N	5E	7,950	12J2	U	Bevon's Cabin	24	45	4W	6,450	10J14op	U	Atwood Lake	13	4N	4W	10,840				
11H11G1	U	Christensen Ranch	27	13S	41E	5,600	12J5P	U	Deseret Peak	15	45	7W	9,250	10J30PST	U	Brown Duck Ridge	8	2N	6W	10,600				
11H11G1	U	Crimmon Ranch	5	8N	3E	7,300	11J41P	U	Lamb's Canyon #2	21	15	3E	7,500	9J9op	U	Chepula-Whiterocks Lakes	3	4N	1W	10,350				
11H11G1	U	Clarkston Mountain	29	14N	2W	6,300	11J33P	U	Middle Canyon	18	15	3W	7,950	11J22AMPST	U	Current Creek	26	15	11W	8,000				
11H11G14e	U	Cub River Ranger Station	30	13S	41E	5,400	11J10	U	Mill D South Fork	18	25	3E	7,400	11J23AMPST	U	Daniels-Shawberry Summit	20	25	12W	8,000				
11H11G14e	U	Dry Basin	31	13S	37E	7,950	11J10	U	Rocky Basin-Settlement Canyon	30	45	3W	8,900	11J7P	U	East Portal	36	7S	6E	7,560				
11H11G14e	U	Prty Creek Flat	21	12S	42E	7,350	11J16P	U	Silver Lake (Brighton)	35	25	3E	8,725	10J16PST	U	East Portal Lake	36	7S	6E	7,560				
11H11G14e	U	Engelton Canyon (mouth)	24	12S	42E	6,500	11J142	U	Vernon Creek	18	35	3E	9,700	10K19PST	U	East Portal Lake	36	7S	6E	7,560				
11H11G14e	U	Frank In Basin	1	16S	41E	8,000	12K1PST	U		21	105	5W	7,500	10K19PST	U	East Portal Lake	36	7S	6E	7,560				
11H11G14e	U	Gard City Summit	34 & 35	14N	4E	7,200								1										
11H11H40p	U	Horseshoe Narrows	31	11N	3E	7,200	12L4PST	U	Box Creek	33	26S	2W	9,300	10J19P	U	Kidney Lake	28	5N	3W	11,000				
11H11H5p	U	Liberty Springs	13S	42E	8,000	12M8	U	Bryce Canyon	36	36S	4W	8,000	10J25P	U	Lakefork Basin	13	4N	7W	11,100					
11H11G13	U	Little Bear (upper)	16	8N	7,400	12M18PST	U	Castle Valley	23	36S	4W	8,000	10J10PST	U	Lakefork Mountain #3	2	8,3	2N	5W	10,200				
11H12SPST	U	Little Bear (lower)	22	8N	7,400	12M18	U	Pocket Creek R. S.	23	36S	8W	9,380	10J12	U	Lightning Mountain	23	4N	8W	10,500					
11H12SPST	U	Oxford Mountain	32	10S	6,550	12M19	U	Harris Flat	32	37S	4W	8,200	10J27op	U	Moby Mountain	20	2N	4W	10,500					
11G3	U	Slug Creek Divide	15	10S	4E	7,225	12M19	U	High-Top Mountain	36	25S	1E	11,400	10J18P	U	Red Pine Ridge	21	2N	7W	7,900				
11H1H27	U	Sheep Hollow #1	7	14N	3E	8,500	12L5	U	Kimberly Mine	11	27S	5W	9,300	10J32p	U	Shadow Lake	29	3N	8W	10,150				
11H1H28	U	Sheep Hollow #2	9	14N	3E	7,700			Midway Valley	26	37S	9W	9,800	11J8PST	U	Strawberry Divide	2	4S	12W	8,400				
11H1G9	U	Strawberry Creek	9	13S	41E	5,800			Panguitch Lake	4 & 5	36S	7W	8,200	11J35P	U	West Fork of the Duchesne	22	1N	11W	9,480				
11H36PST	U	Strawberry Mink Divide	14	13S	41E	5,800			Rainbow Point	29	38S	4W	9,100											
11H36PST	U	Tony Grove Lake	5	13N	3E	6,200			Squaw Springs	3	27S	2W	9,300											
11H36PST	U	Windy Grove Ranger Station	11	13N	3E	6,200																		
11H36PST	U	Willow Flat	2	15S	41E	6,100																		
RAFT RIVER																				PRICE RIVER				
13H2a	U	Clear Creek Meadows	26	14W	14W	9,050	11K13P	U	Beaver Dam	22	19S	3E	8,000	10K5W	U	Camel	32	13S	14E	8,200				
13H4P5	U	George Peak	4	13N	14W	9,000	11L12P	U	Big Lake	9	17S	3W	7,760	11K42P	U	Dry Valley Divide Alternate	14	11S	17E	8,100				
13H13H3a	U	One Mile Summit	17	14N	14W	7,330	11K35PST	U	Pickle Kleg Springs	4	23S	4E	9,000	10K3M	U	Grassy Trail Creek-Left Fork	4	14S	17E	8,600				
	U	VPont	17	14N	17W	7,670	11K10P	U	G.B.R.C. Headquarters	27	17S	2E	8,000	10K3M	U	Grassy Trail Creek-Left Fork	4	14S	17E	8,600				
							11K12P	U	G.B.R.C. Meadows	21	23S	2E	8,000	10K2AMPST	U	White River #1	33	13S	13E	9,100				
							11K3MPST	U	Mammoth R.S.-Cottonwood Creek	13	13S	5E	8,800	11K25	U	White River #3	11	10S	8E	8,550				
							11K134	U	Middle Fork	16	18S	4E	9,600											
							11K12P	U	Mt. Baldy R.S.	19	19S	4E	9,500											
							12K2P	U	Oak Creek	9	17S	3W	7,760											
							11K35PST	U	Pickle Kleg Springs	4	23S	4E	9,000											
							11K36	U	Peas & Flat	24	23S	3W	7,300											
							12L13P	U	Shingle Mill	5	22S	3W	6,200											
							11K35	U	Thistle Flat	19	18S	3E	8,760											
OGDEN RIVER																				MUDDY RIVER				
11H14M	U	Beaver Creek-Slunk Creek	22	8N	3E	7,150	12L13	U	BEAVER RIVER	23	29S	7W	6,020	11K14	U	Black's Fork	34	20S	4E	9,200				
11H8PST	U	Ben Leonard Peak	3	7N	1W	8,000	12L7PST	U	Beaver Race Track	7	29S	4W	10,290	11K15PST	U	Dill's Camp	27	20S	4E	9,200				
11H30PST	U	Ben Leonard Trail	2	7N	1W	6,000	12L8	U	Big Flat	23	29S	5W	8,750											
11H32P	U	Causey Dam	34	7N	3E	5,500			Merchant's Valley (upper)	8	29S	5W	9,600											
11H13MPST	U	Dry Bread Pond	19	8N	4E	8,350			Other Lake	12	29S	5W	9,600											
11H34p	U	Guilder's Peak	21	6N	4E	8,050																		
11H45p	U	Middle Fork Ogden	16	7N	2E	8,420																		
11H49	U	Powder Mountain Hiceway	6	7N	2E	8,250																		
11H48	U	Powder Mountain Sundown	1	7N	1E	8,400																		
11H15P	U	Sagebrush Flat	21	7N	3E	6,300																		
WEBER RIVER																				FREMONT RIVER				
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500	12M16	U	Birch Crossing	23	35S	9W	8,100	11L4P	U	Black's Flat-U.M. Creek	33	24S	3E	9,400				
11J1PST	U	Chalk Creek #1	2	2N	8E	7,000	12M17	U	Brian Head	10	35S	9W	10,000	11L5	U	Black's Flat-Reservoir	33	30S	4E	9,800				
11J12PST	U	Chalk Creek #2	29	2N	8E	7,200	12M11P	U	Yonkers Reservoir	26	35S	8W	8,700	11L6	U	Johnson Valley	35	26S	1E	8,700				
11J145p	U	Chalk Creek #3	2	2N	8E	7,500																		
11J12P	U	East Shingle Lake	6	2S	8E	6,950																		
11J11PST	U	Fornington Canyon (lower)	15	3N	1E	6,950																		
11H44p	U	Fornington Canyon (upper)	23	5N	6E	7,400																		
11J37P	U	Francis Canyon	29	5N	6E	7,400																		
11H21PST	U	Hardscabble	22	2N	2E	6,700																		
11H3	U	Horse Ridge	25	7N	4E	8,260																		
11H39	U	Kalfall Creek	20	6N	5E	7,300																		
11J27	U	Kalfall Creek	20	6N	5E	7,300																		
11J27	U	Pack City Summit	30	2S	4E	9,300																		
11J13PST	U	Porley's Canyon Summit	5	1S	3E	7,500																		
11H50	U	Pine Canyon	6	5N	4E	8,000																		
11J39p	U	Parcupine	22	3N	7E	8,100																		
11J6	U	Redden Mine (lower)	1	2S	6E	8,500																		
11J5P	U	Redden Mine (upper)	1	2S	6E	8,500																		
11J5Pa	U	Sergeant Lakes	9	1N	6E	8,000																		
11J46P	U	Shingle Mill Flat	22	1S	7E	7,040																		
11J4PST	U	Smith & Warehous	23	1N	7E	7,600																		
PROVO RIVER & UTAH LAKE																				ESCALANTE RIVER				
11J46PST	U	Beaver Creek Divide	25	2S	7E	8,280	911aP	U	Ashley Twin Lakes	20														

Agencies Cooperating in Utah Snow Surveys

U. S. GOVERNMENT AGENCIES

- U. S. Department of Agriculture
 - Soil Conservation Service
 - Forest Service
- U. S. Department of Commerce
 - NOAA, National Weather Service
- U. S. Department of Interior
 - Bureau of Reclamation
 - Geological Survey
 - National Park Service

STATE AGENCIES

- Utah State University
- Utah State Department of Natural Resources
 - Division of Wildlife Resources
 - Division of Water Resources
 - Division of Water Rights
 - Bear River Commissioner
 - Price River Commissioner
 - Provo River Commissioner
 - Sevier River Commissioners
 - Spanish Fork River Commissioner
 - Utah Lake and Jordan River Commissioner

MUNICIPALITIES

- Manti
- Salt Lake City

ORGANIZED PUBLIC AGENCIES

- Beaver River Water Users Association
- Board of Canal Presidents - Jordan River
- Central Utah Conservancy District
- Emery Canal and Reservoir Company
- Moon Lake Water Users Association
- Ogden River Water Users Association
- Provo River Water Users Association
- Strawberry Water Users Association
- Sevier River Water Users Association
- Weber River Water Users Association
- Weber Basin Conservancy District

PRIVATE AGENCIES

- Kaiser Steel Corporation

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Furnishes the basic data
necessary for forecasting
water supply for irrigation,
domestic and municipal water
supply, hydro-electric power
generation, navigation,
mining and industry

*"The Conservation of Water begins
with the Snow Survey"*